

DOCUMENT RESUME

ED 063 131

SE 013 677

AUTHOR Corfman, Philip A.
TITLE Population Research. Inventory of Population Research Supported by Federal Agencies, Fiscal Year 1971.
INSTITUTION National Inst. of Child Health and Human Development (NIH), Bethesda, Md.
REPORT NO NIH-72-133
PUB DATE 72
NOTE 93p.
EDRS PRICE MF-\$0.65 HC-\$3.29
DESCRIPTORS Agencies; Contraception; *Demography; *Directories; *Federal Aid; Population Trends; *Projects; Reference Materials; Reproduction (Biology); *Research; Social Sciences; Statistical Data

ABSTRACT

The Interagency Committee on Population Research has prepared this inventory in response to its functional goals of facilitating the exchange of information and coordinating the efforts of various Federal agencies concerned with research related to human population problems. Scope of the inventory encompasses a broad spectrum of research in the biological, medical, social, and behavioral sciences. The information it provides should prove valuable to those working in the population field by identifying the types of research supported by Federal agencies and by assisting in the identification of areas needing expanded efforts to help solve the population problems. Over 700 projects are classified by research area and grouped under the following major headings: (1) Reproductive Processes and Contraceptive Development, (2) Fertility Regulation Techniques Presently in Use, (3) Animal Behavior and Ecology, (4) Social and Behavioral Sciences, and (5) Population Centers and Multidisciplinary Biomedical-Behavioral Programs. Citations provide: title of project, principal investigator, grantee agency and subdivision, funding mechanism, FY 1971 funds, project period, and total project funds. An alphabetical index of investigators, keyed to projects described, is appended. This updated report for FY 1971 is the third in a series of such inventories. (BL)

ED 063131

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRO-
DUCED EXACTLY AS RECEIVED FROM
THE PERSON OR ORGANIZATION ORIG-
INATING IT. POINTS OF VIEW OR OPIN-
IONS STATED DO NOT NECESSARILY
REPRESENT OFFICIAL OFFICE OF EDU-
CATION POSITION OR POLICY

population the federal program research

inventory of population research
supported by federal agencies
fiscal year 1971

Prepared in the

National Institute of Child Health and Human Development

by the

Program Statistics and Analysis Branch, Office of Program Services

under the auspices of the

Center for Population Research

population the federal program **research**

**inventory of population research
supported by federal agencies
fiscal year 1971**

**prepared
for
the interagency
committee on
population research**

DHEW Publication No. (NIH) 72-133

ACKNOWLEDGMENT

Appreciation is expressed to the representatives of the various federal agencies for their cooperation in providing the information needed for the preparation of this report.

FOREWORD

Public concern over the problem of population growth has increased greatly over the past few years. In recognition of the urgency of this problem, the Secretary of the Department of Health, Education, and Welfare established the Interagency Committee on Population Research in October, 1970. An important function of this Committee is to facilitate the exchange of information and coordinate the efforts of the various Federal agencies concerned with research related to human population problems. As one means of achieving this goal the Committee recommended the preparation of an inventory of population research supported by Federal agencies. This updated report for FY 1971 is the third in a series of such inventories.

The scope of the Inventory encompasses a broad spectrum of research in the biological, medical, social, and behavioral sciences. The information it provides should prove valuable to those working in the population field by identifying the types of research supported by Federal agencies, and by assisting in the identification of areas needing expanded efforts to help solve the population problems with which we are all concerned.

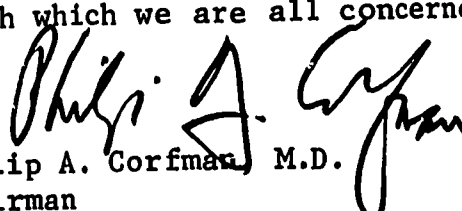

Philip A. Corfman, M.D.
Chairman
Interagency Committee on
Population Research

TABLE OF CONTENTS

	Page
Foreword	iii
Introduction	1
Research Area Classification	8
Population Research Projects	11
Investigator Index	83

INTRODUCTION

The fiscal year 1971 Inventory of federally supported population research represents a cooperative effort on the part of each of the contributing agencies, and includes all projects--intramural and extramural, grants and contracts--in which population research constitutes a major emphasis. Approximately 700 projects were included in the Inventory with FY 1971 funds totaling over \$100 million.

The projects have been classified by research area and are grouped under the following major headings:

- Reproductive Processes and Contraceptive Development
- Fertility Regulation Techniques Presently in Use
- Animal Behavior and Ecology
- Social and Behavioral Sciences
- Population Centers and Multidisciplinary Biomedical-Behavioral Programs

The complete classification showing the detailed categories within these groups is shown on Page 9. Each project is listed in the category which most closely describes the principal focus of the research and, therefore, appears only once. Within a category, the citations are arranged alphabetically by the name of the principal investigator. Every citation has been assigned an index number which appears in the left hand column. This number is keyed to an alphabetical index of investigators which follows the listing of projects.

A complete citation provides the following information:

- Title of project (with data added on such items as organisms and anatomical sites, where indicated)
- Principal investigator and the name and location of the grantee institution
- Supporting agency and agency subdivision
- Funding mechanism: research grant, contract (includes reimbursable agreement), PL 480 award, intramural project
- FY 1971 funds (estimated for intramural projects)
- Project period and total project funds (except for intramural projects)

Agency abbreviations used in the Inventory are shown below:

AEC	Atomic Energy Commission
AID	Department of State, Agency for International Development
COMM	Department of Commerce
DOL	Department of Labor
HEW	Department of Health, Education, and Welfare
NSF	National Science Foundation
POP COMMIS	Commission on Population Growth and the American Future
USDA	Department of Agriculture
VA	Veterans Administration

Quantitative data on the pooled Federal Government programs in population research may be found in the following tables. Table 1 summarizes by supporting agency the number of projects and total dollar support from FY 1971 funds. Over \$100 million was obligated by Federal agencies, the largest 1971 outlay, \$47 million, being reported by the Department of Commerce, mostly in connection with the compilation of census data. The Department of Health, Education, and Welfare ranked second in dollar support, with \$36 million. More than two-thirds of this amount went to projects of the Center for Population Research in the National Institute of Child Health and Human Development. The State Department's Agency for International Development was third in terms of monetary size of program. There were 45 projects for which the appropriate 1971 funds could not be estimated, mostly in the Agency for International Development and the Veterans Administration. However, these projects would not affect the rank of the top three agencies.

Included in the Inventory are approximately 700 projects, the great majority of which were supported by the Department of Health, Education, and Welfare.

If the effect of the decennial census on the figures is discounted (Department of Commerce reported \$124 million for 1970), the total for the remaining agencies shows a substantial increase between 1970 and 1971. Most of this increase occurred in DHEW due principally to program development of the Center for Population Research, but there were also increases in some other agencies, for example, programs of the Department of Labor and the National Science Foundation.

Table 2 provides a classification of the 1971 projects by research area. Nearly two-thirds of the projects, over 400, fell under the heading of "Reproductive Processes and Contraceptive Development." Within this

category the largest number of projects, about 150, were in "Reproductive Endocrinology." However, the most rapid numerical growth over the past year occurred in "Development of New Fertility Regulation Techniques." The apparent dollar decrease in this category is an artifact arising from the 1970 funding of three large projects for which some \$6 million was obligated to be used over a period of several years. There was a real and pronounced growth in research activity in this area, as reflected by the substantial increase in the number of projects, due primarily to the expansion of the contract program of the Center for Population Research in NICHD. Most of the new projects were studies of natural or synthetic agents affecting fertility. There were also, for the first time, a number of projects on the development of new contraceptive devices and reversible sterilization techniques. This led to the establishment of a new subcategory in this area.

The category "Social and Behavioral Sciences" included almost one-fourth of the 1971 projects, or over 150. In this area, the largest concentration of projects was in "Demography and Sociology" with the remainder divided between "Research on Family Planning Services" and "Data Generation, Compilation, and Analysis."

The distribution of funds was weighted heavily toward the category "Social and Behavioral Sciences." Even disregarding the \$46 million for decennial census activities classified under "Data Generation, Compilation, and Analysis," the social science category contains nearly half, about \$27 million, of the remaining population research funds. The other large area of population research was "Reproductive Processes and Contraceptive Development;" over \$23 million in Federal funds went to projects in this category.

The observations made above call attention to a few of the highlights of the data summarized in the tables. From these, and from the information contained in the body of the Inventory, we hope it will be possible to pinpoint gap areas and thus facilitate a more coordinated approach to the solution of population problems through federally supported research.

Table 1. Population Research Projects Supported by Federal Agencies, by Agency
Fiscal Year 1971 Funds

Agency	Number of Projects		Funds (000)
	Total	W/Funds Reported	
TOTAL	694	649	\$103,320
Agriculture, Department of	12	12	404
Atomic Energy Commission	4	4	61
Commerce, Department of	1	1	47,252 ^{a/}
Commission on Population Growth and the American Future	1	1	334
Health, Education and Welfare, Department of	554	552	36,478
Labor, Department of	1	1	4,384
National Science Foundation	33	33	1,245
State, Department of - Agency for International Development	67	44	12,169
Veterans Administration	20	-	-
Other ^{b/}	1	1	992

^{a/} Includes \$1,352,000, the Commerce Department's share in the project shown under Department of Labor.

^{b/} Joint support by several agencies of a project conducted by the Department of Commerce.

Note: Dollar figures do not add to total due to rounding.

Table 2. Population Research Projects Supported by Federal Agencies, by Research Area
Fiscal Year 1971 Funds

Research Area	Number of Projects		Funds (000)
	Total	W/Funds Reported	
TOTAL	694	649	\$103,320
Reproductive Processes & Contraceptive Development	429	414	23,115
Embryonic Development of the Reproductive System	4	4	185
Dev. and Function of the Reproductive System from Birth thru Puberty	2	2	65
Female Fertility	65	65	2,082
Ovarian factors	27	27	894
Oviductal, uterine, and vaginal factors	30	30	968
Female fertility, general or multiple	8	8	220
Male Fertility	63	59	2,457
Fertilization, Including Immediate Prefertilization Processes	35	35	1,393
Zygote Transport, Preimplantation Development, and Implantation	40	40	1,336
Reproductive Endocrinology	154	145	7,790
Neuroendocrinology	36	33	1,225
Pituitary and placental hormones	28	27	1,600
Steroid hormones	59	55	2,480
Reproductive endocrinology, general or multiple	31	30	2,485
Development of New Fertility Regulating Techniques	42	41	5,045
Natural or synthetic agents other than presently used contraceptives	34	33	3,479
New contraceptive devices and reversible sterilization techniques	8	8	1,566
Reproductive Processes & Contraceptive Development, Gen. or Multiple	24	23	2,762
Fertility Regulating Techniques Presently in Use	44	38	4,487
Contraceptives	42	36	4,103
Steroid contraceptives	37	31	3,478
Intrauterine devices	4	4	607
Other contraceptives	-	-	-
Contraceptives, general or multiple	1	1	17
Sterilization	1	1	135
Induced Abortion	1	1	250
Fertility Regulating Techniques Presently in Use, General or Multiple	-	-	-

Table 2. Population Research Projects Supported by Federal Agencies, by Research Area
Fiscal Year 1971 Funds
(Continued)

Research Area	Number of Projects		Funds (000)
	Total	W/Funds Reported	
Animal Behavior and Ecology	38	37	\$ 1,591
Animal Reproductive Behavior	29	28	1,233
Animal Population Ecology	9	9	358
Social and Behavioral Sciences	176	156	73,508
Demography and Sociology	126	121	8,609
Population growth or change	17	16	1,132
Population characteristics and distribution	13	12	589
Fertility	47	47	4,533
KAP studies and contraceptive practices	(6)	(6)	(709)
Out-of-wedlock births	(5)	(5)	(277)
Induced abortion	(11)	(11)	(1,345)
Sterilization	(-)	(-)	(-)
Fertility, general or multiple	(25)	(25)	(2,203)
Mortality	2	2	36
Migration	17	17	728
Marriage, divorce, and the family	14	14	625
Population policy	9	6	292
Demography and sociology, general or multiple	7	7	674
Research on Family Planning Services	34	23	7,719
Data Generation, Compilation, and Analysis	16	12	57,180
Center Grants and Multidisciplinary Biomedical-Behavioral Programs	7	4	619

Note: Dollar figures may not add to totals due to rounding.

RESEARCH AREA CLASSIFICATION

	Page
I. REPRODUCTIVE PROCESSES AND CONTRACEPTIVE DEVELOPMENT	11
A. Embryonic Development of the Reproductive System	11
B. Development/Function of the Reproductive System from Birth through Puberty	11
C. Female Fertility	12
1. Ovarian factors	12
2. Oviductal, uterine, and vaginal factors	14
3. Female fertility, general or multiple	17
D. Male Fertility	18
E. Fertilization, Including Immediate Prefertilization Processes	23
F. Zygote Transport, Preimplantation Development, and Implantation	26
G. Reproductive Endocrinology	30
1. Neuroendocrinology	30
2. Pituitary and placental hormones	34
3. Steroid hormones	36
4. Reproductive endocrinology, general or multiple	42
H. Development of New Fertility Regulation Techniques	45
1. Natural or synthetic agents other than presently used contraceptives	45
2. New contraceptive devices and reversible sterilization techniques	48
I. Reproductive Processes and Contraceptive Development, General or Multiple	49
II. FERTILITY REGULATION TECHNIQUES PRESENTLY IN USE	52
A. Contraceptives	52
1. Steroid contraceptives	52
2. Intrauterine devices	55
3. Other contraceptives	a/
4. Contraceptives, general or multiple	56
B. Sterilization	56
C. Induced Abortion	56
D. Fertility Regulation Techniques Presently in Use, General or Multiple	a/

a/ No projects in this category

RESEARCH AREA CLASSIFICATION
(continued)

	Page
III. ANIMAL BEHAVIOR AND ECOLOGY	57
A. Animal Reproductive Behavior	57
B. Animal Population Ecology	60
IV. SOCIAL AND BEHAVIORAL SCIENCES	61
A. Demography and Sociology	61
1. Population growth or change	63
2. Population characteristics and distribution	64
3. Fertility	64
a. KAP studies and contraceptive practices	65
b. Out-of-wedlock births	65
c. Induced abortion	a/
d. Sterilization	66
e. Fertility, general or multiple	69
4. Mortality	69
5. Migration	71
6. Marriage, divorce, and the family	72
7. Population policy	73
8. Demography and sociology, general or multiple	74
B. Research on Family Planning Services	77
C. Data Generation, Compilation, and Analysis	80
V. CENTER GRANTS AND MULTIDISCIPLINARY BIOMEDICAL-BEHAVIORAL PROGRAMS	80

a/. No projects in this category

POPULATION RESEARCH PROJECTS

REPRODUCTIVE PROCESSES AND CONTRACEPTIVE DEVELOPMENT

EMBRYONIC DEVELOPMENT OF THE REPRODUCTIVE SYSTEM

- | | | | |
|---|---|------------------------------|---|
| 1 | STUDIES IN STEROID INTERMEDIATE METABOLISM (PRENATAL AND ADULT HUMANS)
AXELROD, LEONARD R
SOUTHWEST FDN FOR RESEARCH & EDUC
SAN ANTONIO, TEX | HEW-NIH
GRANT
AM-03270 | FY 71 FUNDS \$ 82,032
PROJ PERIOD 9/59- 8/74
TOT PROJECT \$ 1,060,346 |
| 2 | CYTODIFFERENTIATION OF STEROID-SECRETING CELLS (FETAL GUINEA PIG TESTIS)
BLACK, VIRGINIA H
NEW YORK U
NEW YORK, N Y | HEW-NIH
GRANT
HD-04005 | FY 71 FUNDS \$ 18,283
PROJ PERIOD 6/69- 5/72
TOT PROJECT \$ 51,707 |
| 3 | FETAL SEXUAL DIFFERENTIATION (RATS, RABBITS)
GOLDMAN, ALLEN SEYMOUR
CHILDRENS HOSP OF PHILADELPHIA
PHILADELPHIA, PA | HEW-NIH
GRANT
HD-04683 | FY 71 FUNDS \$ 37,079
PROJ PERIOD 5/70- 4/75
TOT PROJECT \$ 169,829 |
| 4 | GERM CELL MIGRATION AND DIFFERENTIATION (AMPHIBIANS)
SUBTELNY, STEPHEN
RICE U
HOUSTON, TEX | HEW-NIH
GRANT
HD-05289 | FY 71 FUNDS \$ 47,318
PROJ PERIOD 9/70- 8/73
TOT PROJECT \$ 119,271 |

DEVELOPMENT AND FUNCTION OF THE REPRODUCTIVE SYSTEM FROM BIRTH THROUGH PUBERTY

- | | | | |
|---|---|----------------------------------|--|
| 5 | PRIMATE ENDOCRINE REGULATION IN THE PERINATAL PERIOD (MONKEYS)
JAFPE, ROBERT B
MICHIGAN, U OF
ANN ARBOR, MICH | HEW-NIH
GRANT
HD-05861 | FY 71 FUNDS \$ 20,576
PROJ PERIOD 5/71- 4/74
TOT PROJECT \$ 55,837 |
| 6 | REPRODUCTION AFTER EARLY STEROID TREATMENT (RODENTS)
KHAN, M YUNUS
JINNAH POSTGRADUATE MED CTR
KARACHI, PAKISTAN | HEW-NIH
PL-480
HD-08-016-1 | FY 71 FUNDS \$ 44,528
PROJ PERIOD 1/71- 1/74
TOT PROJECT \$ 44,528 |

FEMALE FERTILITY

OVARIAN FACTORS

7	METABOLISM AND METABOLIC CONTROL OF THE PRIMATE OVARY (MONKEYS) ADACHI, KENJI MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	HEW-NIH GRANT HD-05576	FY 71 FUNDS \$ 26,467 PROJ PERIOD 1/71-12/74 TOT PROJECT \$ 119,307
8	METABOLISM OF THE GONADS (PRIMARYLY OVARIES OF RATS AND RABBITS) AHREN, KURT E GOTEBORG, U OF GOTEBORG, SWEDEN	HEW-NIH GRANT HD-02795	FY 71 FUNDS \$ 19,150 PROJ PERIOD 6/67- 5/74 TOT PROJECT \$ 89,360
9	OVARIAN FEEDBACK HORMONES IN THE AVIAN OVULATION CYCLE ARCOS, MARTHA U S DEPARTMENT OF AGRICULTURE BELTSVILLE, MD	USDA-ARS INTRAMURAL 046-310-21	FY 71 FUNDS \$ 73,933
10	LIFE CYCLE OF CORPUS LUTEUM AND HUMORAL MODIFICATION (RABBITS) BAGGETT, BILLY SOUTH CAROLINA, MEDICAL U OF CHARLESTON, S C	HEW-NIH CONTRACT HD-02255	FY 71 FUNDS \$ 5,100 PROJ PERIOD 6/70- 9/71 TOT PROJECT \$ 26,593
11	REGULATION OF OVARIAN FUNCTION - LUTROTROPHIC PROCESS (CATTLE, RATS, SHEEP) BARTOSIK, DELPHINE B NEW YORK MEDICAL COLL NEW YORK, N Y	HEW-NIH GRANT HD-05633	FY 71 FUNDS \$ 24,533 PROJ PERIOD 9/70- 7/71 TOT PROJECT \$ 24,533
12	STUDY ON CHARACTERISTICS OF HUMAN MENSTRUAL CYCLE BEARMAN, JACOB E MINNESOTA, U OF MINNEAPOLIS, MINN	HEW-NIH CONTRACT HD-51014	FY 71 FUNDS \$ 56,221 PROJ PERIOD 6/65- 6/72 TOT PROJECT \$ 197,919
13	ARRANGE AND CONDUCT CONFERENCE ON OOGENESIS BIGGERS, JOHN D JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH CONTRACT HD-00782	FY 71 FUNDS \$ 1,340 PROJ PERIOD 4/70- 6/71 TOT PROJECT \$ 17,414
14	PRODUCTION OF DEVELOPMENTAL ANOMALIES FROM OVERRIPE OVA (DELAYED OVULATION IN RATS) BUTCHER, ROY L WEST VIRGINIA U MORGANTOWN, W VA	NSF-BMS GRANT GB-22605	FY 71 FUNDS \$ 45,000 PROJ PERIOD 9/70- 9/72 TOT PROJECT \$ 45,000
15	THE MECHANISM OF LUTEINIZATION IN PRIMATES CHANNING, CORNELIA POST PITTSBURGH, U OF PITTSBURGH, PA	HEW-NIH GRANT HD-03315	FY 71 FUNDS \$ 26,145 PROJ PERIOD 3/68- 2/76 TOT PROJECT \$ 185,804
16	RESEARCH INTO THE CORPUS LUTRUM FUNCTION CORFMAN, PHILIP DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	AID-TA CONTRACT 93117580509	FY 71 FUNDS \$ -- PROJ PERIOD 6/69- 6/71 TOT PROJECT \$ 1,563,000

17	RESEARCH IN THE PHYSIOLOGY OF OVULATION (RABBITS, PIGS) ESPEY, LAWRENCE LEE TRINITY U SAN ANTONIO, TEX	HEW-NIH CONTRACT HD-92126	FY 71 FUNDS \$ 19,452 PROJ PERIOD 6/69- 1/72 TOT PROJECT \$ 120,950
18	STUDY OF MAMMALIAN OOCYTE MATURATION (HUMANS, CATTLE) FOOTE, WILFORD DARRELL NEVADA, U OF RENO, NEV	HEW-NIH CONTRACT HD-92127	FY 71 FUNDS \$ 12,162 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 57,102
19	CAROTENOID METABOLISM OF THE CORPUS LUTEUM (CATTLE) GAWIENOWSKI, ANTHONY M MASSACHUSETTS, U OF AMHERST, MASS	HEW-NIH GRANT HD-05724	FY 71 FUNDS \$ 41,494 PROJ PERIOD 5/71- 4/74 TOT PROJECT \$ 106,244
20	FOLLICULAR & LUTEAL REGULATION IN THE MAMMALIAN OVARY (HAMSTERS, RATS) GREENWALD, GILBERT S KANSAS, U OF KANSAS CITY, KANS	HEW-NIH GRANT HD-00596	FY 71 FUNDS \$ 59,606 PROJ PERIOD 9/63-12/73 TOT PROJECT \$ 363,635
21	GROWTH AND DEVELOPMENT IN HUMAN AND PRIMATE OVARIES HERTIG, ARTHUR T HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-03630	FY 71 FUNDS \$ 38,195 PROJ PERIOD 10/68- 9/73 TOT PROJECT \$ 174,168
22	E/M OBSERVATIONS OF OVARIAN STEROID CELLS (MONKEYS, RABBITS, RATS) KOERING, MARILYN GEORGE WASHINGTON U WASHINGTON, D C	HEW-NIH GRANT HD-03087	FY 71 FUNDS \$ 38,202 PROJ PERIOD 6/68- 5/74 TOT PROJECT \$ 163,134
23	STATISTICAL STUDY OF REPRODUCTION AMONG ESKIMO WOMEN LUND, LOIS ARCTIC HEALTH RESEARCH CTR ANCHORAGE, ALASKA	HEW-NIH CONTRACT HD-00006	FY 71 FUNDS \$ 71,976 PROJ PERIOD 9/66- 6/71 TOT PROJECT \$ 202,351
24	MECHANISM OF FOLLICULAR RUPTURE STUDIES (MAMMALS, HUMANS) HANDL, INES COLUMBIA U NEW YORK, N Y	HEW-NIH CONTRACT HD-02252	FY 71 FUNDS \$ 14,850 PROJ PERIOD 6/70-12/71 TOT PROJECT \$ 43,150
25	EFFECT OF PROGESTERONE ON PROTEIN SYNTHESIS IN OOCYTES (AMPHIBIANS) MERRIAM, ROBERT WILLIAM NEW YORK, STATE U OF STONY BROOK, N Y	HEW-NIH GRANT HD-03887	FY 71 FUNDS \$ 28,552 PROJ PERIOD 11/68-10/73 TOT PROJECT \$ 117,312
26	ANTI-LUTEINIZING ACTIVITY IN FOLLICULAR OVUM (RABBITS, PIGS, SHEEP) NALBANDOV, ANDREW V ILLINOIS, U OF URBANA, ILL	HEW-NIH CONTRACT HD-92135	FY 71 FUNDS \$ 46,941 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 135,941
27	PERFECTION OF THE CYCLIC AMP ASSAY (RAT UTERI DURING THE ESTROUS CYCLE) RINARD, GILBERT A EMORY U ATLANTA, GA	HEW-NIH CONTRACT HD-92130	FY 71 FUNDS \$ 14,487 PROJ PERIOD 6/69-12/71 TOT PROJECT \$ 66,614
28	HORMONAL AND BEHAVIORAL DETERMINANTS OF OVULATION (RATS) RODGERS, CHARLES H ILLINOIS, U OF CHICAGO, ILL	HEW-NIH GRANT HD-05549	FY 71 FUNDS \$ 17,252 PROJ PERIOD 9/70- 8/71 TOT PROJECT \$ 17,252

29	CHANGES IN CORPUS LUTEUM REQUIRED FOR PREGNANCY (RATS) ROTHCHILD, IRVING CASE WESTERN RESERVE U CLEVELAND, OHIO	HEW-NIH CONTRACT HD-02310	FY 71 FUNDS \$ 37,900 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 91,213
30	INHIBITION OF LH ACTION ON THE CORPUS LUTEUM (RATS, HUMANS) RYAN, ROBERT J MAYO FDN ROCHESTER, MINN	HEW-NIH CONTRACT HD-12232	FY 71 FUNDS \$ 38,446 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 38,446
31	STUDIES ON THE REGULATION OF OOGENESIS (RATS, AMPHIBIANS) SCHUETZ, ALLEN W JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH GRANT HD-03797	FY 71 FUNDS \$ 343 PROJ PERIOD 11/68- 1/71 TOT PROJECT \$ 36,713
32	ENVIRONMENTAL AND HORMONAL INTERPLAY OF OVULATION (RATS, SHEEP) SCHWARTZ, NEENA BETTY ILLINOIS, U OF CHICAGO, ILL	HEW-NIH GRANT HD-00440	FY 71 FUNDS \$ 60,448 PROJ PERIOD 5/64- 4/73 TOT PROJECT \$ 392,679
33	OVULATION STUDIES IN MONKEYS (MONKEYS, RATS) SPIES, HAROLD GLEN TULANE U COVINGTON, LA	HEW-NIH CONTRACT HD-92212	FY 71 FUNDS \$ 52,472 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 96,472
34	ENDOCRINE CONTROL OF HUMAN OOCYTE MATURATION TAYNOR, MELVIN L PETER BENT BRIGHAM HOSP BOSTON, MASS	HEW-NIH CONTRACT HD-12225	FY 71 FUNDS \$ 23,800 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 23,800

OVIDUCTAL, UTERINE, AND VAGINAL FACTORS

35	CELL KINETICS & CHEMOTHERAPY OF GYNECOLOGIC CANCER (VAGINA, UTERINE CERVIX, VULVA) AVERETTE, HERVY E MIAMI, U OF CORAL GABLES, FLA	HEW-NIH GRANT CA-10192	FY 71 FUNDS \$ 38,712 PROJ PERIOD 9/67- 8/73 TOT PROJECT \$ 182,144
36	SPECIFICITY OF UTERINE RESPONSE TO OVARIAN HORMONES (RATS, CATTLE, HUMANS) BARKER, KENNETH L NEBRASKA, U OF OMAHA, NEBR	HEW-NIH GRANT HD-02851	FY 71 FUNDS \$ 47,752 PROJ PERIOD 9/67- 8/74 TOT PROJECT \$ 234,659
37	NEURAL CONTROL OF THE MAMMALIAN OVIDUCT (RABBITS) BLACK, DONALD L MASSACHUSETTS, U OF AMHERST, MASS	HEW-NIH CONTRACT HD-92132	FY 71 FUNDS \$ 13,850 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 43,645
38	CONFERENCE ON THE BIOLOGY OF THE CERVIX BLANDAU, RICHARD J WASHINGTON, U OF SEATTLE, WASH	HEW-NIH CONTRACT HD-10389	FY 71 FUNDS \$ 24,305 PROJ PERIOD 11/70-10/71 TOT PROJECT \$ 24,305
39	BIOLOGY OF THE OVIDUCT AND GAMETE TRANSPORT (RABBITS, MONKEYS, RABBITS) BLANDAU, RICHARD J WASHINGTON, U OF SEATTLE, WASH	HEW-NIH CONTRACT HD-02141	FY 71 FUNDS \$ 167,734 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 363,624

40	HORMONAL CONTROL OF OVIDUCT GROWTH IN RHESUS MONKEY BRENNER, ROBERT M MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	HEW-NIH GRANT HD-02753	FY 71 FUNDS \$ 31,981 PROJ PERIOD 1/67-12/72 TOT PROJECT \$ 152,195
41	CONTROL OF CILIOGENESIS IN THE RHESUS MONKEY OVIDUCT BRENNER, ROBERT M MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	HEW-NIH CONTRACT HD-02146	FY 71 FUNDS \$ 11,390 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 26,221
42	FACTORS INFLUENCING MAMMALIAN OVIDUCTAL SECRETIONS (RABBITS, MONKEYS) BRUNTON, WILLIAM JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH CONTRACT HD-02046	FY 71 FUNDS \$ 42,686 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 82,686
43	MEASUREMENT OF BLOOD FLOW IN THE MAMMALIAN OVIDUCT (RABBITS) DICKSON, WILLIAM M WASHINGTON STATE U PULLMAN, WASH	HEW-NIH CONTRACT HD-02144	FY 71 FUNDS \$ 14,220 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 28,216
44	PHYSIOLOGY OF THE OVIDUCT (HUMANS, MAMMALS) FEIGEN, GEORGE A STANFORD U STANFORD, CALIF	HEW-NIH CONTRACT HD-02157	FY 71 FUNDS \$ 79,807 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 120,600
45	PROGESTATIONAL AND ESTROGENIC HORMONES & THE UTERUS (RABBITS) FUJIMOTO, GEORGE I YESHIVA U NEW YORK, N Y	HEW-NIH CONTRACT HD-92216	FY 71 FUNDS \$ 66,752 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 191,026
46	STUDY OF THE EFFECTS OF STEROIDS ON RNA (IN THE OVIDUCTS OF MAMMALS) HAMILTON, TERRELL H TEXAS, U OF AUSTIN, TEX	HEW-NIH CONTRACT HD-02159	FY 71 FUNDS \$ 18,533 PROJ PERIOD 5/70-11/71 TOT PROJECT \$ 61,933
47	NEURAL AND HORMONAL CONTROL OF OVIDUCT FUNCTION (RODENTS) HARPER, MICHAEL J K WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH GRANT HD-02597	FY 71 FUNDS \$ 40,043 PROJ PERIOD 1/67-12/73 TOT PROJECT \$ 217,038
48	PHYSIOLOGY OF THE MAMMALIAN OVIDUCT (RABBITS) HOWE, GEORGE R MASSACHUSETTS, U OF AMHERST, MASS	HEW-NIH GRANT HD-04189	FY 71 FUNDS \$ 13,372 PROJ PERIOD 10/68- 9/72 TOT PROJECT \$ 46,687
49	HORMONAL REGULATION OF AN ENZYME SYSTEM IN THE UTERUS JEFFREY, JOHN J WASHINGTON U ST LOUIS, MO	HEW-NIH GRANT HD-05291	FY 71 FUNDS \$ 37,985 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 97,620
50	ESTROGEN-RECEPTOR SUBSTANCES OF OVIDUCT TISSUE (CATTLE, RATS) JENSEN, ELWOOD V CHICAGO, U OF CHICAGO, ILL	HEW-NIH CONTRACT HD-92108	FY 71 FUNDS \$ 31,944 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 89,995
51	TRYPTAMINE RECEPTORS IN THE ISOLATED RAT UTERUS KHAN, ZAHIR UDDIN NAT HEALTH LABORATORIES ISLAMABAD, PAKISTAN	HEW-NIH PL-480 HD-08-013-1	FY 71 FUNDS \$ 24,097 PROJ PERIOD 1/70- 1/73 TOT PROJECT \$ 24,097

52	UTERINE EOSINOPHIL STRUCTURE AND FUNCTION (CATTLE, RATS, HUMANS) KLEBANOFF, SEYMOUR J WASHINGTON, U OF SEATTLE, WASH	HEW-NIH GRANT HD-02266	FY 71 FUNDS \$ 15,554 PROJ PERIOD 5/66- 4/74 TOT PROJECT \$ 114,166
53	NEW METHODS OF FERTILITY REGULATION (RATS) KOBAYASHI, YUTAKA WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH CONTRACT HD-92093	FY 71 FUNDS \$ 16,869 PROJ PERIOD 6/69-12/71 TOT PROJECT \$ 80,752
54	MORPHOCHEMICAL ANALYSIS OF MUCINS IN THE RABBIT OVIDUCT LEPPI, T JOHN MINNESOTA, U OF MINNEAPOLIS, MINN	HEW-NIH CONTRACT HD-12244	FY 71 FUNDS \$ 19,297 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 19,297
55	A COMPREHENSIVE STUDY OF OVIDUCT PHYSIOLOGY (RABBITS, MONKEYS) MASTROIANNI, LUIGI JR PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH GRANT HD-01810	FY 71 FUNDS \$ 57,898 PROJ PERIOD 7/65-12/71 TOT PROJECT \$ 279,279
56	ISOLATION AND CHARACTERIZATION OF A UTERINE LUTEOLYTIC FACTOR (CATTLE, HAMSTERS) HAZER, RONALD S MAINE, U OF ORONO, MAINE	NSF-BMS GRANT GB-24537	FY 71 FUNDS \$ 25,000 PROJ PERIOD 11/70-11/72 TOT PROJECT \$ 25,000
57	PHYSIOLOGY OF THE OVIDUCT (RABBITS, DOGS, HUMANS) NELSEN, THOMAS S STANFORD U STANFORD, CALIF	HEW-NIH CONTRACT HD-02257	FY 71 FUNDS \$ 10,000 PROJ PERIOD 6/70- 9/71 TOT PROJECT \$ 101,585
58	ULTRASTRUCTURAL STUDIES ON THE OVIDUCT (MONKEYS, MONKEYS, HUMANS) ODOR, D LOUISE VIRGINIA COMMONWEALTH U RICHMOND, VA	HEW-NIH CONTRACT HD-02142	FY 71 FUNDS \$ 9,200 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 22,395
59	BIOCHEMICAL AND PHARMACOLOGIC STUDIES OF THE OVIDUCT (GUINEA PIGS, HUMANS) RUSSELL, PAUL T CINCINNATI, U OF CINCINNATI, OHIO	HEW-NIH CONTRACT HD-92096	FY 71 FUNDS \$ 7,308 PROJ PERIOD 6/69- 9/71 TOT PROJECT \$ 77,348
60	OVIDUCT CILIA: STRUCTURE, FUNCTION, AND DEVELOPMENT (MICE, CHICKENS) SATIR, PETER CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH CONTRACT HD-02261	FY 71 FUNDS \$ 3,741 PROJ PERIOD 6/70- 8/71 TOT PROJECT \$ 38,084
61	STUDY OF UTERINE LUTEOLYTIC SUBSTANCES (PIGS) SCHOMBERG, DAVID WILLIAM DUKE U DURHAM, N C	HEW-NIH CONTRACT HD-02160	FY 71 FUNDS \$ 17,370 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 34,440
62	HORMONAL TRANSFORMATIONS IN FETAL & MATERNAL TISSUES (HUMANS) SWEAT, MAX L UTAH, U OF SALT LAKE CITY, UTAH	HEW-NIH GRANT HD-00472	FY 71 FUNDS \$ 43,104 PROJ PERIOD 9/63- 5/73 TOT PROJECT \$ 337,971

63	ESTROGEN RELATIONSHIPS AND THE EFFECTS OF IUCD'S (UTERI OF RATS)		
	VAN ORDEN, L S	HEW-NIH	FY 71 FUNDS \$ 34,644
	IOWA, U OF	CONTRACT	PROJ PERIOD 6/70- 6/72
	IOWA CITY, IOWA	HD-02318	TOT PROJECT \$ 60,000

64	DEVELOPMENT & EVALUATION OF OVULATION DETECTION METHODS (IN OVIDUCTS OF RABBITS AND PRIMATES)		
	WARE, RAY W	HEW-NIH	FY 71 FUNDS \$ 2,996
	SOUTHWEST RESEARCH INST	CONTRACT	PROJ PERIOD 6/69- 8/71
	SAN ANTONIO, TEX	HD-92188	TOT PROJECT \$ 106,011

FEMALE FERTILITY, GENERAL OR MULTIPLE

65	BIOCHEMISTRY OF THE OVIDUCT-UTERUS SYSTEM (DURING ESTROUS CYCLE IN HAMSTERS)		
	BIRCHALL, KATHLEEN	HEW-NIH	FY 71 FUNDS \$ 9,347
	WORCESTER FDN FOR EXPTL BIOLOGY	CONTRACT	PROJ PERIOD 6/69- 12/71
	SHREWSBURY, MASS	HD-92205	TOT PROJECT \$ 46,529

66	VARIATION IN ULTRASTRUCTURE OF REPRODUCTIVE TISSUE DURING THE ESTROUS CYCLE (UTERUS, CORPUS LUTEUM)		
	BRINSFIELD, T H	USDA-ARS	FY 71 FUNDS \$ 15,000
	U S DEPARTMENT OF AGRICULTURE	INTRAMURAL	
	BELTSVILLE, MD	310-21-117	

67	OOGENESIS AND GENE CONTROL IN ANIMAL REPRODUCTION (AMPHIBIANS, INVERTEBRATES)		
	DAVIDSON, ERIC H	HEW-NIH	FY 71 FUNDS \$ 35,744
	CALIFORNIA INST OF TECHNOLOGY	GRANT	PROJ PERIOD 3/71- 11/71
	PASADENA, CALIF	HD-05753	TOT PROJECT \$ 35,744

68	UTERINE BLOOD FLOW AND CHANGES IN PREGNANCY		
	GREISS, FRANK C	HEW-NIH	FY 71 FUNDS \$ 43,938
	WAKE FOREST U	GRANT	PROJ PERIOD 12/58- 1/73
	WINSTON-SALEM, N C	HE-03941	TOT PROJECT \$ 558,291

69	GONADOTROPHIN CONTROL OF HUMAN FEMALE MEIOSIS (HUMANS, MICE, MONKEYS)		
	JAGIELLO, GEORGIANA MARY	HEW-NIH	FY 71 FUNDS \$ 44,139
	COLUMBIA U	GRANT	PROJ PERIOD 5/71- 4/76
	NEW YORK, N Y	HD-05862	TOT PROJECT \$ 194,504

70	THE REPRODUCTIVE TRACT AND IRON DEFICIENCY (HUMANS)		
	PRITCHARD, JACK A	HEW-NIH	FY 71 FUNDS \$ 1,076
	TEXAS, U OF	GRANT	PROJ PERIOD 6/68- 5/71
	DALLAS, TEX	HD-03604	TOT PROJECT \$ 110,478

71	ULTRASTRUCTURAL STUDIES OF ESTROGEN EFFECTS (FEMALE REPRODUCTIVE SYSTEM IN MAMMALS)		
	SEAL, ULYSSES S	HEW-NIH	FY 71 FUNDS \$ 23,465
	MINNESOTA, U OF	CONTRACT	PROJ PERIOD 6/69- 6/72
	MINNEAPOLIS, MINN	HD-92136	TOT PROJECT \$ 62,976

72	RHYTHMOMETRY OF GENITAL BLEEDING AS A FUNCTION OF HUMAN REPRODUCTION		
	TRELOAR, ALAN E	HEW-NIH	FY 71 FUNDS \$ 47,000
	DEPT OF HLTH, EDUC, & WELFARE	INTRAMURAL	
	BETHESDA, MD	HD-RP4 (7) (C)	

MALE FERTILITY

73	HORMONAL EFFECTS ON EPIDIDYMAL STRUCTURE AND FUNCTION (MONKEYS) ALEXANDER, NANCY J MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	HEW-NIH GRANT HD-05180	FY 71 FUNDS \$ 14,664 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 38,991
74	ROLE OF THE EPIDIDYMIS IN SPERM MATURATION (CATTLE) AMANN, RUPERT P PENNSYLVANIA STATE U UNIVERSITY PARK, PA	HEW-NIH CONTRACT HD-92137	FY 71 FUNDS \$ 65,359 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 154,725
75	PHYSIOLOGY OF THE RABBIT TESTIS AND EPIDIDYMIS AMANN, RUPERT P PENNSYLVANIA STATE U UNIVERSITY PARK, PA	HEW-NIH GRANT HD-01356	FY 71 FUNDS \$ 35,488 PROJ PERIOD 3/65- 2/73 TOT PROJECT \$ 215,124
76	FACTORS MAINTAINING BIOCHEMICAL POLYMORPHISMS (HUMANS, MAMMALS) ASHTON, GEOFFREY C HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT HD-01831	FY 71 FUNDS \$ 51,396 PROJ PERIOD 5/65- 5/74 TOT PROJECT \$ 339,616
77	COMPARISON OF PRESSURES AND MYOGRAPHY IN INTRONMISSION (MAMMALS) BECKETT, SIDNEY D AUBURN U AUBURN, ALA	HEW-NIH GRANT HD-04104	FY 71 FUNDS \$ 29,979 PROJ PERIOD 6/70- 5/72 TOT PROJECT \$ 60,823
78	IMMUNOGENETICS OF SPERMATOZOA (MICE, RABBITS) BENNETT, DOROTHEA CORNELL U NEW YORK, N Y	HEW-NIH GRANT HD-05482	FY 71 FUNDS \$ 46,946 PROJ PERIOD 5/71- 4/74 TOT PROJECT \$ 114,446
79	ULTRASTRUCTURAL CHANGES DURING SPERMATID DIFFERENTIATION (DROSOPHILA) BOWMAN, JAMES T UTAH STATE U LOGAN, UTAH	NSF-BMS GRANT GB-22606	FY 71 FUNDS \$ 50,000 PROJ PERIOD 8/70- 7/72 TOT PROJECT \$ 50,000
80	ULTRASTRUCTURAL, R/M STUDIES OF MAMMALIAN SPERMIOGENESIS (MAMMALS) BRINKLEY, B R TEXAS, U OF HOUSTON, TEX	HEW-NIH CONTRACT HD-92139	FY 71 FUNDS \$ 64,082 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 158,660
81	MAMMALIAN SPERMATOGENESIS IN VIVO AND IN VITRO BURDICK, ALLAN B MISSOURI, U OF COLUMBIA, MO	HEW-NIH GRANT HD-05504	FY 71 FUNDS \$ 39,331 PROJ PERIOD 5/71- 4/73 TOT PROJECT \$ 65,402
82	PROTEINS OF MAMMALIAN SPERM CHROMATIN (RODENTS) CALVIN, HAROLD I COLUMBIA U NEW YORK, N Y	HEW-NIH GRANT HD-05316	FY 71 FUNDS \$ 25,240 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 66,230

83	GENITAL VASCULAR INSUFFICIENCY AND IMPOTENCE CANNING, J R VETERANS ADMINISTRATION HOSP HINES, ILL	VA-DMS INTRAMURAL ZO-19844	FY 71 FUNDS \$ NA
84	FINE STRUCTURE OF THE VERTEBRATE TESTIS (GUINEA PIGS, MICE, HUMANS) CHRISTENSEN, A KENT TEMPLE U PHILADELPHIA, PA	HEW-NIH GRANT HD-05897	FY 71 FUNDS \$ 57,625 PROJ PERIOD 5/71- 4/73 TOT PROJECT \$ 97,625
85	COMPOSITION OF HUMAN AND SWINE EPIDIDYMAL PLASMA & SPERM CRABO, BO ROYAL VETERINARY COLL STOCKHOLM, SWEDEN	HEW-NIH CONTRACT HD-02056	FY 71 FUNDS \$ 1,718 PROJ PERIOD 2/70- 6/71 TOT PROJECT \$ 12,034
86	METABOLIC STUDIES ON NORMAL & CRYPTORCHID RAT TESTES DAVIS, JOSEPH R LOYOLA U HINES, ILL	HEW-NIH GRANT HD-01573	FY 71 FUNDS \$ 2,000 PROJ PERIOD 6/65- 6/71 TOT PROJECT \$ 131,885
87	TESTICULAR FUNCTION AND EXTEROCEPTIVE STIMULI (RABBITS) DESJARDINS, CLAUDE OKLAHOMA STATE U OF AGR & APPL SCI STILLWATER, OKLA	HEW-NIH GRANT HD-04578	FY 71 FUNDS \$ 41,898 PROJ PERIOD 5/70- 4/73 TOT PROJECT \$ 130,661
88	STEROID METABOLISM IN MALE SEX ORGANS IN VIVO (DOGS) EIK-NES, KRISTEN B SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH GRANT HD-04195	FY 71 FUNDS \$ 71,336 PROJ PERIOD 11/68- 10/74 TOT PROJECT \$ 386,656
89	ENDOCRINE PHYSIOLOGY OF THE NORMAL AND DISEASED PROSTATE (HUMANS) FARNSWORTH, W E VETERANS ADMINISTRATION HOSP BUFFALO, N Y	VA-DMS INTRAMURAL ZO-02977	FY 71 FUNDS \$ NA
90	INVESTIGATION OF SPERMATOGENESIS, RELEASE, MATURATION (MAMMALS) FAWCETT, DON W HARVARD U BOSTON, MASS	HEW-NIH CONTRACT HD-92107	FY 71 FUNDS \$ 67,682 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 194,282
91	EXPERIMENTAL STUDIES ON THE SEMINIFEROUS EPITHELIUM (MULTIPLE ORGANISMS) FAWCETT, DON W HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-02344	FY 71 FUNDS \$ 41,075 PROJ PERIOD 6/66- 5/76 TOT PROJECT \$ 374,467
92	STUDY OF MALE REPRODUCTIVE TRACT (RATS) FLICKINGER, CHARLES J VIRGINIA, U OF CHARLOTTESVILLE, VA	HEW-NIH CONTRACT HD-12506	FY 71 FUNDS \$ 18,266 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 18,266
93	ROLE OF STEROIDS IN MAMMALIAN EPIDIDYMIS (RATS, RABBITS) FRANKEL, ARTHUR I NEW YORK, STATE U OF BINGHAMTON, N Y	HEW-NIH GRANT HD-04081	FY 71 FUNDS \$ 25,189 PROJ PERIOD 4/69- 5/74 TOT PROJECT \$ 108,861
94	STUDY OF GOLDEN HAMSTER SPERMATOZOA FRANKLIN, LUTHER E TULANE U COVINGTON, LA	HEW-NIH CONTRACT HD-92101	FY 71 FUNDS \$ 15,044 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 39,866

95	DEVELOPMENT OF MALE REPRODUCTIVE FUNCTION (RATS, RABBITS, GUINEA PIGS) FRENCH, FRANK SIKES NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-NIH GRANT HD-04466	FY 71 FUNDS \$ 35,369 PROJ PERIOD 6/70- 5/74 TOT PROJECT \$ 116,890
96	CHARACTERISTICS, METABOLISM, FERTILITY OF HUMAN SEMEN FREUND, MATTHEW JAY NEW YORK MEDICAL COLL NEW YORK, N Y	HEW-NIH GRANT HD-00488	FY 71 FUNDS \$ 21,900 PROJ PERIOD 1/64-12/71 TOT PROJECT \$ 128,620
97	DIFFERENTIATION DURING MALE GAMETOGENESIS & FERTILITY (CATTLE, RABBITS) GLEDHILL, BARTON L PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH GRANT HD-03577	FY 71 FUNDS \$ 39,930 PROJ PERIOD 11/68-10/71 TOT PROJECT \$ 109,069
98	BIOCHEMICAL STUDIES ON SPERMATOGENESIS & SPERMATOZOA (MICE) GOLDBERG, ERWIN NORTHWESTERN U EVANSTON, ILL	HEW-NIH CONTRACT HD-92162	FY 71 FUNDS \$ 45,225 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 130,230
99	BASIC SCIENCE STUDY OF RAT WITH VESTIGIAL TESTES GUMBRECK, LAURENCE G OKLAHOMA, U OF OKLAHOMA CITY, OKLA	HEW-NIH GRANT HD-05458	FY 71 FUNDS \$ 6,921 PROJ PERIOD 3/71- 2/72 TOT PROJECT \$ 6,921
100	STRUCTURE AND FUNCTION OF EPIDIDYMIS AND VAS DEFERENS (RATS, MICE, RABBITS SHEEP) HAMILTON, DAVID W HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-04290	FY 71 FUNDS \$ 16,630 PROJ PERIOD 11/69-10/72 TOT PROJECT \$ 44,842
101	ROLE OF THE EPIDIDYMIS IN SPERMATOZOA MATURATION (RABBITS, CATTLE) HAMMERSTEDT, ROY H PENNSYLVANIA STATE U UNIVERSITY PARK, PA	HEW-NIH GRANT HD-05859	FY 71 FUNDS \$ 33,500 PROJ PERIOD 5/71- 4/74 TOT PROJECT \$ 76,234
102	REGULATION OF SPERMATOGENESIS IN MAMMALS HECHT, NORMAN B TUFTS U MEDFORD, MASS	HEW-NIH GRANT HD-05651	FY 71 FUNDS \$ 24,974 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 60,117
103	NUCLEAR PROTEINS IN GAMETOGENESIS AND EMBRYOGENESIS (PRIMARILY SPERMATOGENESIS, MULTIPLE ORGANISMS) HNILICA, LUBOMIR S TEXAS, U OF HOUSTON, TEX	HEW-NIH GRANT HD-05803	FY 71 FUNDS \$ 36,163 PROJ PERIOD 5/71- 4/75 TOT PROJECT \$ 131,920
104	PRIMATE SEMEN AND MALE ACCESSORY GLAND SECRETIONS HOSKINS, DALE D MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	HEW-NIH GRANT HD-03770	FY 71 FUNDS \$ 26,976 PROJ PERIOD 11/68-10/71 TOT PROJECT \$ 74,043
105	BIOCHEMISTRY AND PHYSIOLOGY OF THE EPIDIDYMIS (MONKEYS, HUMANS, MAMMALS) HUNTER, ALAN G MINNESOTA, U OF ST PAUL, MINN	HEW-NIH GRANT HD-04914	FY 71 FUNDS \$ 25,803 PROJ PERIOD 7/70- 6/73 TOT PROJECT \$ 65,403

106	CHANGES IN NUCLEAR PROTEINS IN SPERMATOGENESIS (CATTLE, RATS) IRVIN, J LOGAN NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-NIH GRANT HD-05277	FY 71 FUNDS \$ 44,667 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 126,553
107	THE METABOLISM OF HUMAN SPERMATOZOA MAC LEOD, JOHN CORNELL U NEW YORK, N Y	HEW-NIH GRANT HD-00481	FY 71 FUNDS \$ 14,868 PROJ PERIOD 1/64-12/71 TOT PROJECT \$ 105,283
108	HORMONES CONTROLLING REPRODUCTION IN ALLOMYCES AND OEDOGONIUM (SPERM-ATTRACTANT) MACHLIS, LEONARD CALIFORNIA, U OF BERKELEY, CALIF	NSF-BMS GRANT GB-24038	FY 71 FUNDS \$ 90,000 PROJ PERIOD 9/70- 9/72 TOT PROJECT \$ 90,000
109	BIOLOGY OF THE TESTIS: ACTION OF FSH (RATS) MEANS, ANTHONY R VANDERBILT U NASHVILLE, TENN	HEW-NIH GRANT HD-04416	FY 71 FUNDS \$ 35,631 PROJ PERIOD 6/70- 5/73 TOT PROJECT \$ 109,655
110	IMMUNOLOGIC-INDUCED INFERTILITY (RABBITS, GUINEA PIGS) MENGE, ALAN C MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH GRANT HD-05200	FY 71 FUNDS \$ 46,448 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 115,351
111	TESTIS & SPERM SPECIFIC ANTIGENS OF MAN & OTHER PRIMATES MENGE, ALAN C MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH CONTRACT HD-12226	FY 71 FUNDS \$ 21,140 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 21,140
112	MACROMOLECULE SYNTHESIS AND SPERM FUNCTION (HAMSTERS, CATTLE) MORTON, BRUCE HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT HD-04738	FY 71 FUNDS \$ 21,869 PROJ PERIOD 1/70-12/71 TOT PROJECT \$ 43,613
113	CHROMOSOME DIFFERENTIATION DURING SPERMATOGENESIS MOSES, MONTROSE J DUKE U DURHAM, N C	NSF-BMS GRANT GB-27582	FY 71 FUNDS \$ 38,000 PROJ PERIOD 2/71- 1/73 TOT PROJECT \$ 38,000
114	NEUROCHEMICAL CONTROL OF SPERM MOTILITY (MAMMALS, MONKEYS) NELSON, LEONARD MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	HEW-NIH CONTRACT HD-02313	FY 71 FUNDS \$ 45,644 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 91,202
115	SUBMICROSCOPIC BASES OF MALE INFERTILITY (MAMMALS, INVERTEBRATES) NELSON, LEONARD MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	HEW-NIH GRANT HD-03266	FY 71 FUNDS \$ 25,866 PROJ PERIOD 3/68- 2/73 TOT PROJECT \$ 181,077
116	BIOCHEMICAL STUDIES OF SPERMIOGENESIS IN DROSOPHILA NEWBURGH, ROBERT W OREGON STATE U CORVALLIS, OREG	HEW-NIH GRANT HD-05175	FY 71 FUNDS \$ 24,081 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 68,657

117	DEVELOPMENT OF NEW STERILIZATION TECHNIQUES (REVERSIBLE VASAL OCCLUSION, MAMMALS) NUWAYSER, ELIE S ABCOR INC CAMBRIDGE, MASS	HEW-NIH CONTRACT HD-12227	FY 71 FUNDS \$ 344,847 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 344,847
118	TESTIS RUPTURE (DOGS) OLSSON, C A VETERANS ADMINISTRATION HOSP BOSTON, MASS	VA-DMS INTRAMURAL ZO-29350	FY 71 FUNDS \$ NA
119	PROPERTIES OF LACTATE DEHYDROGENASE ISOENZYME (SPERM AND TESTES, HUMANS) OPHER, ALBERT W JR VETERANS ADMINISTRATION HOSP FT HOWARD, MD	VA-DMS INTRAMURAL ZO-27665	FY 71 FUNDS \$ NA
120	STUDY OF HORMONAL CONTROL OF SPERM MATURATION (RABBITS) ORGBIN-CRIST, MARIE-CLAIRE VANDERBILT U NASHVILLE, TENN	HEW-NIH CONTRACT HD-92166	FY 71 FUNDS \$ 50,294 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 115,220
121	MALE REPRODUCTIVE PHYSIOLOGY (RABBITS) ORGBIN-CRIST, MARIE-CLAIRE VANDERBILT U NASHVILLE, TENN	HEW-NIH GRANT HD-03820	FY 71 FUNDS \$ 23,303 PROJ PERIOD 12/68-11/71 TOT PROJECT \$ 64,758
122	PITUITARY-GONADAL INTERRELATIONSHIP (EFFECTS OF GONADOTROPINS ON TESTES IN HUMANS) PAULSEN, C ALVIN WASHINGTON, U OF SEATTLE, WASH	HEW-NIH GRANT HD-05105	FY 71 FUNDS \$ 45,687 PROJ PERIOD 9/70- 8/71 TOT PROJECT \$ 45,687
123	MAMMALIAN SPERM MOTILITY AND ULTRASTRUCTURE PHILLIPS, DAVID M WASHINGTON U ST LOUIS, MO	HEW-NIH CONTRACT HD-92106	FY 71 FUNDS \$ 52,489 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 135,731
124	HUMAN SEMEN ANTIBODIES CAUSING INFERTILITY QUINLIVAN, W LESLIE G CALIFORNIA, U OF IRVINE, CALIF	HEW-NIH GRANT HD-02322	FY 71 FUNDS \$ 20,191 PROJ PERIOD 1/66- 3/72 TOT PROJECT \$ 114,990
125	STUDIES ON CONDUCTILE AND MOTILE CELLS (SPERM AND MUSCLE CELLS IN VARIOUS ORGANISMS) REGER, JAMES F TENNESSEE, U OF MEMPHIS, TENN	HEW-NIH GRANT NS-06285	FY 71 FUNDS \$ 17,066 PROJ PERIOD 9/65- 4/72 TOT PROJECT \$ 93,718
126	CONTROL MECHANISMS OF SPERM MOTILITY (CATTLE) RIKMENSPÖEL, ROBERT NEW YORK, STATE U OF ALBANY, N Y	HEW-NIH CONTRACT HD-02156	FY 71 FUNDS \$ 39,170 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 70,006
127	EFFECT OF GONADOTROPINS ON TESTES TISSUE CULTURE (RATS, HUMANS) STEINBERGER, ANNA ALBERT EINSTEIN MEDICAL CTR PHILADELPHIA, PA	HEW-NIH GRANT HD-00399	FY 71 FUNDS \$ 40,169 PROJ PERIOD 9/63- 6/71 TOT PROJECT \$ 361,837

128	EFFECT OF GONADOTROPINS ON TESTES TISSUE CULTURE (RATS, HUMANS) STEINBERGER, ANNA TEXAS, U OF HOUSTON, TEX	HEW-NIH GRANT HD-06319	FY 71 FUNDS \$ 16,700 PROJ PERIOD 6/71-10/72 TOT PROJECT \$ 63,230
129	GONADO-PITUITARY AXIS IN THE RAT (EFFECTS OF HORMONES ON RAT AND HUMAN TESTES) STEINBERGER, EMIL TEXAS, U OF HOUSTON, TEX	HEW-NIH GRANT HD-06316	FY 71 FUNDS \$ 17,953 PROJ PERIOD 6/71-10/72 TOT PROJECT \$ 60,753
130	GONADO-PITUITARY AXIS IN THE RAT (EFFECTS OF HORMONES ON THE TESTIS) STEINBERGER, EMIL ALBERT EINSTEIN MEDICAL CTR PHILADELPHIA, PA	HEW-NIH GRANT HD-04178	FY 71 FUNDS \$ 30,849 PROJ PERIOD 9/69- 6/71 TOT PROJECT \$ 83,558
131	METABOLISM IN SPERMATOGENESIS AND SPERM MATURATION (MULTIPLE ORGANISMS) TURNER, CHARLES BOSTON U BOSTON, MASS	HEW-NIH CONTRACT HD-92102	FY 71 FUNDS \$ 21,991 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 47,875
132	ASPECTS OF MALE REPRODUCTION (MAMMALS) VAN DEMARK, NOLAND L OHIO STATE U COLUMBUS, OHIO	HEW-NIH GRANT HD-03822	FY 71 FUNDS \$ 116,802 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 354,506
133	BIOCHEMISTRY OF THE MALE GENITAL TRACT (RATS, GUINEA PIGS, HUMANS) WILLIAMS-ASHMAN, HOWARD GUY CHICAGO, U OF CHICAGO, ILL	HEW-NIH GRANT HD-04592	FY 71 FUNDS \$ 89,981 PROJ PERIOD 6/69- 5/75 TOT PROJECT \$ 501,325
134	ELECTRON MICROSCOPIC STUDIES ON MAMMALIAN SPERM (MONKEYS, RABBITS, MICE, HUMANS) ZAMBONI, LUCIANO LOS ANGELES COUNTY DEPT OF HOSP TORRANCE, CALIF	HEW-NIH GRANT HD-03341	FY 71 FUNDS \$ 509 PROJ PERIOD 5/68- 4/71 TOT PROJECT \$ 96,947
135	SPERM-SPECIFIC ENZYMES AND MALE FERTILITY (MULTIPLE ORGANISMS) ZINKHAM, WILLIAM H JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH GRANT HD-05263	FY 71 FUNDS \$ 42,808 PROJ PERIOD 9/70- 8/74 TOT PROJECT \$ 176,258

FERTILIZATION, INCLUDING IMMEDIATE PREFERTILIZATION PROCESSES

136	CHARACTERIZATION OF MAMMALIAN SEMEN ENZYMES (CATTLE) ANDERSON, BRUCE M VIRGINIA POLYTECHNIC INST BLACKSBURG, VA	NSF-BMS GRANT GB-27604	FY 71 FUNDS \$ 25,000 PROJ PERIOD 2/71- 8/73 TOT PROJECT \$ 25,000
137	SPERM MATURATION STUDIES (MAMMALS, PRIMATES, HUMANS) BEDFORD, J MICHAEL COLUMBIA U NEW YORK, N Y	HEW-NIH CONTRACT HD-02143	FY 71 FUNDS \$ 22,512 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 95,282

138	MATURATION AND INTERACTION OF MAMMALIAN GAMETES (MULTIPLE SPECIES) BEDFORD, J MICHAEL COLUMBIA U NEW YORK, N Y	HEW-NIH GRANT HD-03623	FY 71 FUNDS \$ 49,152 PROJ PERIOD 6/68- 4/75 TOT PROJECT \$ 223,009
139	GONADAL BIOLOGY IN ANASPIDEAN MOLLUSKS (SPERM CAPACITATION) BEEMAN, ROBERT D SAN FRANCISCO STATE COLL SAN FRANCISCO, CALIF	NSF-BMS GRANT GB-23906	FY 71 FUNDS \$ 40,700 PROJ PERIOD 10/70- 9/72 TOT PROJECT \$ 40,700
140	EGG ENZYMOLOGY AND THE BIOCHEMISTRY OF FERTILIZATION (MULTIPLE ORGANISMS) BLOMQUIST, CHARLES H RAMSEY COUNTY WELFARE DEPT ST PAUL, MINN	HEW-NIH GRANT HD-05238	FY 71 FUNDS \$ 20,375 PROJ PERIOD 3/71- 2/74 TOT PROJECT \$ 64,375
141	STUDY OF FERTILIZATION OF PRIMATE OVA (MONKEYS, RABBITS, HUMANS) BRACKETT, BENJAMIN G PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH CONTRACT HD-02163	FY 71 FUNDS \$ 55,777 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 104,517
142	PHYSIOLOGY OF THE FEMALE TRACT (SPERM AND EGG TRANSPORT, RODENTS) CHANG, MIN CHUEH WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH GRANT HD-03003	FY 71 FUNDS \$ 59,214 PROJ PERIOD 1/68-12/72 TOT PROJECT \$ 244,742
143	PHYSIOLOGY OF MAMMALIAN FERTILIZATION (MAMMALS) CHANG, MIN CHUEH WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH GRANT HD-03472	FY 71 FUNDS \$ 40,652 PROJ PERIOD 1/68-12/74 TOT PROJECT \$ 233,499
144	EFFECTS OF TESTICULAR HOMOGENATES ON FERTILITY IN MONKEYS AND SHEEP CLEGG, M T TULANE U COVINGTON, LA	HEW-NIH CONTRACT HD-02314	FY 71 FUNDS \$ 23,033 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 46,969
145	OOCYTE MATURATION AND FERTILIZATION RESEARCH (MICE, MONKEYS, HUMANS) CROSS, PATRICIA C PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH CONTRACT HD-02150	FY 71 FUNDS \$ 41,533 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 81,478
146	OVULATION & CAPACITATION IN THE NON-HUMAN PRIMATE DUKELOW, W RICHARD MICHIGAN STATE U EAST LANSING, MICH	HEW-NIH CONTRACT HD-02061	FY 71 FUNDS \$ 28,600 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 52,925
147	BIOCHEMISTRY OF FERTILIZATION AND EARLY DEVELOPMENT (SEA URCHIN) EPEL, DAVID CALIFORNIA, U OF LA JOLLA, CALIF	NSF-BMS GRANT GB-27139	FY 71 FUNDS \$ 83,000 PROJ PERIOD 10/70- 9/72 TOT PROJECT \$ 83,000
148	OVIDUCT SECRETIONS AND SPERM STUDIES (CATTLE, PIGS) FOLEY, CHARLES W GEORGIA, U OF ATHENS, GA	HEW-NIH CONTRACT HD-02316	FY 71 FUNDS \$ 6,162 PROJ PERIOD 6/70-12/71 TOT PROJECT \$ 18,462
149	MECHANISMS OF MAMMALIAN FERTILIZATION (HAMSTERS) FRANKLIN, LUTHER E TULANE U NEW ORLEANS, LA	HEW-NIH GRANT HD-04233	FY 71 FUNDS \$ 42,150 PROJ PERIOD 5/69- 4/74 TOT PROJECT \$ 168,968

150	HORMONAL REGULATION OF SPERM IN THE FEMALE TRACT (RABBITS) HAMNER, CHARLES E VIRGINIA, U OF CHARLOTTESVILLE, VA	HEW-NIH GRANT HD-03516	FY 71 FUNDS \$ 829 PROJ PERIOD 5/68- 4/71 TOT PROJECT \$ 90,387
151	CAUSES OF SPERM CELL LOSSES IN THE FEMALE REPRODUCTIVE TRACT HAWK, HAROLD W U S DEPARTMENT OF AGRICULTURE BELTSVILLE, MD	USDA-ARS INTRAMURAL 310-21-116	FY 71 FUNDS \$ 25,000
152	A MOLECULAR APPROACH TO FERTILIZATION (AMPHIBIANS, INVERTEBRATES) HEDRICK, JERRY L CALIFORNIA, U OF DAVIS, CALIF	HEW-NIH GRANT HD-04906	FY 71 FUNDS \$ 52,525 PROJ PERIOD 4/70- 3/75 TOT PROJECT \$ 244,523
153	DEVELOPMENTAL REGULATION OF MACROMOLECULAR METABOLISM (OVA OF SEA URCHINS AND CHICKENS) HUMPHREYS, TOM D CALIFORNIA, U OF SAN DIEGO, CALIF	HEW-NIH GRANT HD-03480	FY 71 FUNDS \$ 22,494 PROJ PERIOD 8/67-12/71 TOT PROJECT \$ 125,828
154	CYTOLOGICAL STUDIES OF FERTILIZATION (RODENTS, INVERTEBRATES) LONGO, FRANK J TENNESSEE, U OF MEMPHIS, TENN	HEW-NIH GRANT HD-05846	FY 71 FUNDS \$ 45,760 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 102,159
155	STUDIES OF MAMMALIAN REPRODUCTIVE CELL MEMBRANES (PRIMATES, MAMMALS) MANN, J A HAWAII, U OF HONOLULU, HAWAII	HEW-NIH CONTRACT HD-02153	FY 71 FUNDS \$ 65,906 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 122,005
156	SPERM STUDIES METZ, CHARLES B MIAMI, U OF CORAL GABLES, FLA	HEW-NIH CONTRACT HD-02253	FY 71 FUNDS \$ 63,025 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 155,325
157	STUDIES ON PRE-FERTILIZATION PHENOMENA IN HYDROIDS MILLER, RICHARD LEE TEMPLE U PHILADELPHIA, PA	HEW-NIH GRANT HD-04543	FY 71 FUNDS \$ 30,198 PROJ PERIOD 11/69-10/72 TOT PROJECT \$ 82,089
158	MEMBRANE CHANGES DURING OOGENESIS AND FERTILIZATION (CHICKENS) ROSENBERG, MURRAY D MINNESOTA, U OF ST PAUL, MINN	HEW-NIH GRANT HD-04702	FY 71 FUNDS \$ 51,254 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 139,470
159	STUDY OF ROLE OF CORTICAL GRANULES IN FERTILIZATION (MULTIPLE ORGANISMS) SCHUEL, HERBERT NEW YORK, CITY U OF NEW YORK, N Y	HEW-NIH CONTRACT HD-92202	FY 71 FUNDS \$ 22,266 PROJ PERIOD 6/69-12/71 TOT PROJECT \$ 126,187
160	PROTEASE INHIBITORS IN HUMAN GENITAL SECRETIONS (HUMANS, RABBITS) SCHUMACHER, GEBHARD F B CHICAGO, U OF CHICAGO, ILL	HEW-NIH CONTRACT HD-02317	FY 71 FUNDS \$ 11,614 PROJ PERIOD 6/70-12/71 TOT PROJECT \$ 34,841
161	IMMUNOREPRODUCTION - MECHANISMS OF FERTILIZATION (RABBITS, HAMSTERS) SHIVERS, CHARLES A TENNESSEE, U OF KNOXVILLE, TENN	HEW-NIH GRANT HD-04020	FY 71 FUNDS \$ 27,390 PROJ PERIOD 1/69- 6/72 TOT PROJECT \$ 66,256

162	CAPACITATION OF MAMMALIAN SPERMATOZOA (RABBITS) SOUPART, PIERRE VANDERBILT U NASHVILLE, TENN	HEW-NIH GRANT HD-03769	FY 71 FUNDS \$ 48,465 PROJ PERIOD 11/68-10/71 TOT PROJECT \$ 136,634
163	SPERM CAPACITATION CONTRACEPTION - ANIMAL STUDIES (RABBITS, HUMANS) SOUPART, PIERRE VANDERBILT U NASHVILLE, TENN	HEW-NIH CONTRACT HD-02162	FY 71 FUNDS \$ 44,278 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 88,556
164	REPRODUCTIVE BIOCHEMISTRY (ENZYME STUDIES OF SPERM ACROSOMES AND SEMINAL PLASMA INHIBITORS IN RABBITS AND HUMANS) SRIVASTAVA, P N GEORGIA, U OF ATHENS, GA	HEW-NIH CONTRACT HD-02147	FY 71 FUNDS \$ 45,705 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 75,199
165	STUDY OF ACROSOMAL ENZYMES (FERTILIZATION IN RABBITS, MONKEYS, AND HUMANS) STAMBAUGH, RICHARD L PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH CONTRACT HD-02161	FY 71 FUNDS \$ 41,143 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 69,393
166	EFFECT OF SPERM ANTIGEN IN FEMALE REPRODUCTIVE BIOLOGY (MICE, RABBITS, GUINEA PIGS) TUNG, KENNETH S K ST LOUIS U ST LOUIS, MO	HEW-NIH GRANT HD-05508	FY 71 FUNDS \$ 46,708 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 105,291
167	STUDY OF BIOCHEMICAL REQUIREMENTS FOR FERTILIZATION (MULTIPLE ORGANISMS) WILLIAMS, WILLIAM L GEORGIA, U OF ATHENS, GA	HEW-NIH CONTRACT HD-92103	FY 71 FUNDS \$ 46,419 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 125,892
168	STUDIES ON IN VITRO FERTILIZATION OF MAMMALIAN EGGS (MAMMALS) YANAGIMACHI, RYUZO HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT HD-03402	FY 71 FUNDS \$ 76,870 PROJ PERIOD 2/68- 4/76 TOT PROJECT \$ 445,449
169	MORPHO-PHYSIOLOGIC STUDIES ON MAMMALIAN GAMETES (MICE, HAMSTERS) ZAMBONI, LUCIANO LOS ANGELES COUNTY DEPT OF HOSP TORRANCE, CALIF	HEW-NIH CONTRACT HD-92220	FY 71 FUNDS \$ 45,683 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 111,882
170	IN VITRO MATURATION AND FERTILIZATION OF PRIMATE OVA (MONKEYS, HUMANS) ZAMBONI, LUCIANO LOS ANGELES COUNTY DEPT OF HOSP TORRANCE, CALIF	HEW-NIH GRANT HD-05725	FY 71 FUNDS \$ 41,428 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 124,520

ZYGOTE TRANSPORT, PREIMPLANTATION DEVELOPMENT,
AND IMPLANTATION

171	REGULATION OF GENE EXPRESSION IN DEVELOPMENT (BLASTOCYST DEVELOPMENT IN SEA URCHINS) BAKER, ROBERT F SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH GRANT HD-04015	FY 71 FUNDS \$ 24,567 PROJ PERIOD 2/69- 1/72 TOT PROJECT \$ 89,203
-----	---	------------------------------	--

172	INVESTIGATION OF EGG CELL MEMBRANES (EARLY EMBRYONIC DEVELOPMENT IN SEA URCHINS) BARBER, MARY LEE SAN FERNANDO VALLEY STATE COLL NORTHRIDGE, CALIF	NSF-BMS GRANT GB-29448	FY 71 FUNDS \$ 10,000 PROJ PERIOD 5/71-11/72 TOT PROJECT \$ 10,000
173	POTENTIAL USE OF ANTI-TROPHOBLAST SERUM AS A CONTRACEPTIVE (MONKEYS RABBITS) BEHRMAN, SAMUEL J MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH CONTRACT HD-02155	FY 71 FUNDS \$ 59,786 PROJ PERIOD 5/70- 6/71 TOT PROJECT \$ 98,015
174	STUDIES ON OOGENESIS, CLEAVAGE AND IMPLANTATION (MICE, RATS, AMPHIBIANS) BIGGERS, JOHN D JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH GRANT HD-04185	FY 71 FUNDS \$ 635 PROJ PERIOD 1/69- 1/71 TOT PROJECT \$ 87,521
175	SULFOMUCOPOLYSACCHARIDES IN THE UTERUS OF PREGNANCY (RATS) BO, WALTER J WAKE FOREST U WINSTON-SALEM, N C	HEW-NIH GRANT HD-01357	FY 71 FUNDS \$ 12,929 PROJ PERIOD 1/65- 5/72 TOT PROJECT \$ 82,499
176	STUDY IN EXPERIMENTAL METHODS OF INTERRUPTING PREGNANCY (RATS) BRENT, ROBERT L THOMAS JEFFERSON U PHILADELPHIA, PA	HEW-NIH CONTRACT HD-02306	FY 71 FUNDS \$ 44,040 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 81,700
177	ENERGY METABOLISM IN PREIMPLANTED MAMMALIAN EMBRYOS (MICE, RABBITS) BRINSTER, RALPH L PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH GRANT HD-03071	FY 71 FUNDS \$ 59,325 PROJ PERIOD 2/68- 1/73 TOT PROJECT \$ 260,784
178	ASPECTS OF TROPHOBLAST DEVELOPMENT AND IMPLANTATION (RABBITS) CLARK, WALLIS H JR HOUSTON, U OF HOUSTON, TEX	HEW-NIH CONTRACT HD-92094	FY 71 FUNDS \$ 29,515 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 77,915
179	SPECIFIC NUCLEIC ACIDS IN REPRODUCTION AND DEVELOPMENT (SEA URCHINS, AMPHIBIANS) CLAYBROOK, JAMES R MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	HEW-NIH GRANT HD-04942	FY 71 FUNDS \$ 35,929 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 101,069
180	MITOCHONDRIAL RNA AND PROTEIN SYNTHESIS: STUDIES ON OOGENESIS, EGG FRAGMENTS AND EMBRYOS OF THE SEA URCHIN CRAIG, SYDNEY P DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL HD-DB9	FY 71 FUNDS \$ 34,000
181	BLASTOCYST EXPANSION & PEOVULATORY FOLLICLE SWELLING (MAMMALS) CROSS, MORTON PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH CONTRACT HD-92141	FY 71 FUNDS \$ 44,539 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 97,164
182	ACTIONS OF ESTROGEN & PROGESTERONE ON PREGNANT UTERUS (HUMANS, RABBITS, RATS) CSAPO, ARPAD ISTVAN WASHINGTON U ST LOUIS, MO	HEW-NIH CONTRACT HD-92194	FY 71 FUNDS \$ 56,342 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 151,389

183	UTERINE PROTEINS IN MAMMALIAN EMBRYOGENESIS (EFFECTS ON BLASTULATION IN MAMMALS AND HUMANS) DANIEL, JOSEPH C JR COLORADO, U OF BOULDER, COLO	HEW-NIH GRANT HD-04165	FY 71 FUNDS \$ 3,779 PROJ PERIOD 6/69- 8/71 TOT PROJECT \$ 94,789
184	STUDIES ON NUTRITION OF THE PREPLACENTAL EMBRYOS OF THE MAMMAL (RABBIT) DANIEL, JOSEPH C JR COLORADO, U OF BOULDER, COLO	AEC-BM CONTRACT AT(11-1) 1597	FY 71 FUNDS \$ 7,517 PROJ PERIOD 4/66- 8/71 TOT PROJECT \$ 150,675
185	OOGENESIS AND THE CONTROL OF EMBRYONIC GENE ACTIVITY (AMPHIBIANS, INVERTEBRATES) DAVIDSON, ERIC H ROCKEFELLER U NEW YORK, N Y	HEW-NIH GRANT HD-02412	FY 71 FUNDS \$ 5,399 PROJ PERIOD 6/66- 2/71 TOT PROJECT \$ 54,207
186	STUDIES ON THE MECHANISM OF DECIDUALIZATION (RATS) DE FEO, VINCENT J HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT HD-02399	FY 71 FUNDS \$ 42,002 PROJ PERIOD 9/66- 8/73 TOT PROJECT \$ 217,473
187	MAMMALIAN SPERM NUCLEOPROTEINS AFTER FERTILIZATION (MICE) ECKLUND, PETER S CHILD RESEARCH CTR OF MICHIGAN DETROIT, MICH	HEW-NIH GRANT HD-04767	FY 71 FUNDS \$ 2,300 PROJ PERIOD 1/70- 3/72 TOT PROJECT \$ 5,118
188	MECHANISMS OF IMPLANTATION OF THE BLASTOCYST (MAMMALS) ENDERS, ALLEN C WASHINGTON U ST LOUIS, MO	HEW-NIH GRANT HD-04962	FY 71 FUNDS \$ 38,272 PROJ PERIOD 7/70- 6/73 TOT PROJECT \$ 98,152
189	BIOCHEMISTRY OF EARLY HUMAN AND MOUSE DEVELOPMENT EPSTEIN, CHARLES J CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH GRANT HD-03132	FY 71 FUNDS \$ 59,617 PROJ PERIOD 6/68- 5/75 TOT PROJECT \$ 305,923
190	TRANSFER OF MATERNAL MACRO-MOLECULES TO MAMMALIAN EGGS (MICE, RABBITS AND GUINEA PIGS) GLASS, LAUREL E CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH CONTRACT HD-02309	FY 71 FUNDS \$ 34,804 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 63,804
191	MATERNAL-EMBRYO INTERACTIONS DURING MAMMALIAN DEVELOPMENT (MICE) GLASS, LAUREL E CALIFORNIA, U OF SAN FRANCISCO, CALIF	AEC-BM CONTRACT AT(04-3) 34	FY 71 FUNDS \$ 21,000 PROJ PERIOD 10/59-12/71 TOT PROJECT \$ 338,536
192	EFFECT OF PROGESTERONE AND ESTRADIOL ON THE EARLY EMBRYO (RABBITS) HAHN, WILLIAM COLORADO, U OF DENVER, COLO	HEW-NIH CONTRACT HD-02259	FY 71 FUNDS \$ 26,192 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 52,389
193	GROWTH OF HUMAN TROPHOBLAST CELLS IN CULTURE HAUGHOM, JOAN FLOW LABORATORIES, INC ROCKVILLE, MD	HEW-NIH CONTRACT HD-12133	FY 71 FUNDS \$ 94,465 PROJ PERIOD 4/71- 3/72 TOT PROJECT \$ 94,465

194	CONTROL OF PROTEIN SYNTHESIS DURING EMBRYOGENESIS (EARLY CLEAVAGE IN SEA URCHIN EGGS) INFANTE, ANTHONY A WESLEYAN U MIDDLETOWN, CONN	HEW-NIH GRANT HD-03753	FY 71 FUNDS \$ 20,810 PROJ PERIOD 11/68-10/71 TOT PROJECT \$ 74,587
195	STUDIES ON THE ANTIGENIC STATUS OF THE OVUM (MICE) JOSHI, SUSAN HEYNER PHILADELPHIA COLL OF PHARMACY & SCI PHILADELPHIA, PA	HEW-NIH GRANT HD-02151	FY 71 FUNDS \$ 29,056 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 53,570
196	FUSION AND DEVELOPMENT OF MAMMALIAN BLASTOMERES (MICE, AGOUTI, RATS) LIN, TEH P CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH GRANT HD-02186	FY 71 FUNDS \$ 31,828 PROJ PERIOD 5/66- 4/76 TOT PROJECT \$ 247,547
197	CHROMOSOME ORIENTATION AND MOVEMENT IN CELL DIVISION (FERTILIZED OVA OF SEA URCHINS) LUXKX, PETER V O MIAMI, U OF CORAL GABLES, FLA	HEW-NIH GRANT HD-03519	FY 71 FUNDS \$ 23,838 PROJ PERIOD 5/68- 4/73 TOT PROJECT \$ 100,006
198	REGULATION OF GENE ACTION IN EARLY EMBRYOGENESIS (AMPHIBIANS) MALACINSKI, GEORGE M INDIANA U BLOOMINGTON, IND	HEW-NIH GRANT HD-04671	FY 71 FUNDS \$ 24,100 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 77,408
199	ENDOMETRIAL DETERMINANTS OF NIDATION (RATS, GUINEA PIGS, HUMANS) MARCUS, GEORGE J JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH GRANT HD-05236	FY 71 FUNDS \$ 10,322 PROJ PERIOD 9/70- 1/71 TOT PROJECT \$ 10,322
200	REGULATION OF RNA AND PROTEIN SYNTHESIS IN EMBRYOGENESIS (INVERTEBRATES) NEMER, MARTIN J INST FOR CANCER RESEARCH PHILADELPHIA, PA	HEW-NIH GRANT HD-04367	FY 71 FUNDS \$ 45,123 PROJ PERIOD 9/69- 8/74 TOT PROJECT \$ 190,649
201	COMPARATIVE UTERINE VASCULATURE (HAMSTERS, RABBITS, FERRETS) ORSINI, MARGARET WARD WISCONSIN, U OF MADISON, WIS	HEW-NIH GRANT HD-00267	FY 71 FUNDS \$ 44,905 PROJ PERIOD 7/63- 1/76 TOT PROJECT \$ 417,905
202	STUDY OF PARTHENOGENETIC DEVELOPMENT OF MAMMALIAN EGGS (MICE) OSTROWSKI, KAZIMIERZ ACAD OF MEDICINE WARSAW, POLAND	HEW-NIH PL-480 HD-05-030-1	FY 71 FUNDS \$ 109,894 PROJ PERIOD 5/71- 5/74 TOT PROJECT \$ 109,894
203	BLASTOCYST HATCHING AND TROPHOBLAST ISOANTIGENICITY (MICE, GUINEA PIGS) PARR, EARL L HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-05101	FY 71 FUNDS \$ 27,990 PROJ PERIOD 3/71- 2/73 TOT PROJECT \$ 49,755
204	ADRENERGIC PHARMACOLOGY OF OVUM TRANSPORT (RABBITS) PAUERSTEIN, CARL J TEXAS, U OF SAN ANTONIO, TEX	HEW-NIH GRANT HD-04182	FY 71 FUNDS \$ 27,258 PROJ PERIOD 6/69- 5/72 TOT PROJECT \$ 59,893

205	CYTOLOGICAL AND BIOCHEMICAL STUDIES OF EARLY MAMMALIAN EMBRYOS (RATS, MICE, HUMANS) SKREB, NIKOLA ZAGREB, U OF ZAGREB, YUGOSLAVIA	HEW-NIH PL-480 HD-02-038-1	FY 71 FUNDS \$ 43,163 PROJ PERIOD 7/71- 7/74 TOT PROJECT \$ 43,163
206	CYTOPLASMIC REGULATION IN EARLY CELL DIFFERENTIATION (OVA OF AMPHIBIANS) SMITH, L DENNIS PURDUE U LAFAYETTE, IND	HEW-NIH GRANT HD-04229	FY 71 FUNDS \$ 38,678 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 101,730
207	REPRODUCTIVE SENESECE IN THE GOLDEN HAMSTER SODERWALL, A L OREGON, U OF EUGENE, OREG	HEW-NIH GRANT HD-04234	FY 71 FUNDS \$ 33,920 PROJ PERIOD 11/69-10/72 TOT PROJECT \$ 100,335
208	PROTEIN SYNTHESIS IN DELAYED IMPLANTING MOUSE OVA (MICE, HAMSTERS) WEITLAUF, HARRY H KANSAS, U OF KANSAS CITY, KANSAS	AEC-BH CONTRACT AT(11-1) 1801	FY 71 FUNDS \$ 20,881 PROJ PERIOD 9/68- 8/71 TOT PROJECT \$ 62,218
209	PHOTOPERIOD, IMPLANTATION AND PARTURITION (RATS) YOCIM, JEROME H KANSAS, U OF LAWRENCE, KANS	HEW-NIH GRANT HD-04016	FY 71 FUNDS \$ 13,148 PROJ PERIOD 6/69- 5/72 TOT PROJECT \$ 56,415
210	ENDOMETRIAL PREPARATION FOR IMPLANTATION (RATS) YOCIM, JEROME H KANSAS, U OF LAWRENCE, KANS	HEW-NIH GRANT HD-05090	FY 71 FUNDS \$ 44,250 PROJ PERIOD 2/71- 1/76 TOT PROJECT \$ 140,070

REPRODUCTIVE ENDOCRINOLOGY

NEUROENDOCRINOLOGY

211	SELECTIVE NEURAL UPTAKE OF HORMONES (RATS) ADAMS-SMITH, WILLIAM H SOUTH CAROLINA, MEDICAL U OF CHARLESTON, S C	HEW-NIH GRANT HD-04461	FY 71 FUNDS \$ 5,725 PROJ PERIOD 7/70- 6/71 TOT PROJECT \$ 5,725
212	CENTRAL NERVOUS REGULATION OF REPRODUCTION (RATS) BARRACLOUGH, CHARLES A MARYLAND, U OF BALTIMORE, MD	HEW-NIH GRANT HD-02138	FY 71 FUNDS \$ 97,835 PROJ PERIOD 9/65- 8/74 TOT PROJECT \$ 559,071
213	REGULATION OF REPRODUCTION IN RODENT POPULATIONS (PHEROMONES) BRONSON, FRANKLIN H TEXAS, U OF AUSTIN, TEX	HEW-NIH GRANT HD-04149	FY 71 FUNDS \$ 36,556 PROJ PERIOD 9/68- 8/74 TOT PROJECT \$ 202,655
214	REPTILIAN REPRODUCTIVE PHYSIOLOGY (HYPOTHALAMIC CONTROL) CALLARD, IAN P WILLIAM AND MARY, COLL OF WILLIAMSBURG, VA	NSF-BMS GRANT GB-22652	FY 71 FUNDS \$ 33,000 PROJ PERIOD 9/70- 9/72 TOT PROJECT \$ 33,000

215	OLFACTORY UNIT RESPONSES TO PHEROMONE-LIKE ODORS (SOCIAL AND SEXUAL ACTIVITIES IN RODENTS) CHOROVER, S L MASSACHUSETTS INST OF TECHNOLOGY CAMBRIDGE, MASS	NSF-BMS GRANT GB-24828	FY 71 FUNDS \$ 70,000 PROJ PERIOD 9/70- 8/72 TOT PROJECT \$ 70,000
216	INFLUENCE OF MALE PHEROMONES ON BEHAVIOR (RATS) CLEMENS, LYWOOD G MICHIGAN STATE U EAST LANSING, MICH	HEW-HSH GRANT MH-17808	FY 71 FUNDS \$ 7,494 PROJ PERIOD 6/70- 5/71 TOT PROJECT \$ 7,494
217	CHEMICAL ULTRASTRUCTURE OF NORMAL AND ABERRANT NERVOUS SYSTEM (PINEAL IN CHICK EMBRYO) DOOLIN, P F VETERANS ADMINISTRATION HOSP HINES, ILL	VA-DMS INTRAMURAL ZO-30432	FY 71 FUNDS \$ NA
218	AMYGDALA, REPRODUCTIVE BEHAVIOR, AND NEUROENDOCRINOLOGY ELEPHERIOU, BASIL E JACKSON LAB BAR HARBOR, MAINE	NSF-BMS GRANT GB-29620	FY 71 FUNDS \$ 35,500 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 35,500
219	CHEMICAL COMMUNICATION IN PRIMATES EPPLER, GISELA UNIV CITY SCIENCE CTR PHILADELPHIA, PA	NSF-BMS GRANT GB-12660	FY 71 FUNDS \$ 7,400 PROJ PERIOD 8/69- 3/72 TOT PROJECT \$ 7,400
220	CONTROL OF REPRODUCTIVE AND OTHER PHYSIOLOGIC CYCLES (BIRDS) FARNER, DONALD S WASHINGTON, U OF SEATTLE, WASH	NSF-BMS GRANT GB-28080X	FY 71 FUNDS \$ 30,600 PROJ PERIOD 8/71- 8/74 TOT PROJECT \$ 96,000
221	LIGHT: NEURAL CONTROL AND ENDOCRINE FUNCTION (RATS) FISKE, VIRGINIA M WELLESLEY COLL WELLESLEY, MASS	HEW-NIH GRANT NS-08677	FY 71 FUNDS \$ 7,276 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 31,315
222	A STUDY OF NEURAL CONTROL OF OVULATION (BABOONS) HAGINO, NOBUYOSHI SOUTHWEST FDN FOR RESEARCH & EDUC SAN ANTONIO, TEX	NSF-BMS GRANT GB-28871X	FY 71 FUNDS \$ 17,500 PROJ PERIOD 5/71- 5/73 TOT PROJECT \$ 40,000
223	STUDY OF NEURAL REGULATION OF OVARIAN FUNCTION (BABOONS) HAGINO, NOBUYOSHI SOUTHWEST FDN FOR RESEARCH & EDUC SAN ANTONIO, TEX	HEW-NIH CONTRACT HD-92133	FY 71 FUNDS \$ 31,146 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 91,292
224	PINEAL-HYPOTHALAMIC INTERRELATIONSHIPS (HAMSTERS) HOFFMAN, ROGER A COLGATE U HAMILTON, N Y	HEW-HSH GRANT MH-18203	FY 71 FUNDS \$ 4,730 PROJ PERIOD 2/70- 7/71 TOT PROJECT \$ 4,730
225	DETECTION OF LUTEINIZING HORMONE RELEASING FACTOR IN HUMAN PERIPHERAL AND PORTAL HYPOPHYSEAL BLOOD MALACARA, J M VETERANS ADMINISTRATION HOSP NEWINGTON, CONN	VA-DMS INTRAMURAL ZO-30339	FY 71 FUNDS \$ NA

226	NEURAL CONTROL OF GONADOTROPIN SECRETION (SHEEP, RATS, HUMANS) MC CANN, SAMUEL H TEXAS, U OF DALLAS, TEX	HEW-NIH GRANT HD-05151	FY 71 FUNDS \$ 103,186 PROJ PERIOD 1/71-12/75 TOT PROJECT \$ 381,988
227	NEUROHUMORAL CONTROL OF THE ANTERIOR PITUITARY (INCLUDING-FSH-RF, LH-RF AND PIF) MC CANN, SAMUEL H TEXAS, U OF DALLAS, TEX	HEW-NIH GRANT AM-10073	FY 71 FUNDS \$ 95,474 PROJ PERIOD 9/65- 8/71 TOT PROJECT \$ 439,606
228	CONTROL OF SECRETION OF HYPOTHALAMIC HYPOPHYSIOTROPIC HORMONES (RATS) HEITES, JOSEPH MICHIGAN STATE U EAST LANSING, MICH	HEW-NIH GRANT AM-04784	FY 71 FUNDS \$ 30,588 PROJ PERIOD 1/61-12/73 TOT PROJECT \$ 402,997
229	HYPOTHALAMIC DIFFERENTIATION AND OVULATION (RATS) WADLER, RONALD D NEW YORK, STATE U OF NEW YORK, N Y	HEW-HSM GRANT MH-20049	FY 71 FUNDS \$ 6,810 PROJ PERIOD 3/71- 2/72 TOT PROJECT \$ 6,810
230	THE PHYSIOLOGIC CONTROL OF PROLACTIN SECRETION (RATS) NEILL, JIMMY DYKE EMORY U ATLANTA, GA	HEW-NIH GRANT HD-04312	FY 71 FUNDS \$ 24,766 PROJ PERIOD 6/69- 5/72 TOT PROJECT \$ 77,250
231	INFLUENCE OF BIOGENIC AMINES OF REPRODUCTIVE FUNCTION (NEUROENDOCRINOLOGY IN RATS) O STEEN, W KEITH EMORY U ATLANTA, GA	HEW-NIH GRANT HD-04102	FY 71 FUNDS \$ 22,403 PROJ PERIOD 4/69- 3/72 TOT PROJECT \$ 65,612
232	ENVIRONMENTAL CONTROL OF NEUROENDOCRINE MECHANISMS IN BIRDS OPEL, H U S DEPARTMENT OF AGRICULTURE BELTSVILLE, MD	USDA-ARS INTRAMURAL 102-310-21	FY 71 FUNDS \$ 73,933
233	HYPOTHALAMIC CONTROL OF ACTH AND LH SECRETION (RATS) PORTER, JOHN C TEXAS, U OF DALLAS, TEX	HEW-NIH GRANT AM-01237	FY 71 FUNDS \$ 66,746 PROJ PERIOD 9/56- 8/72 TOT PROJECT \$ 582,569
234	NEURAL BASIS FOR EFFECTS OF ENVIRONMENT ON FERTILITY (HAMSTERS) PRINTZ, RICHARD H CINCINNATI, U OF CINCINNATI, OHIO	HEW-NIH GRANT HD-04969	FY 71 FUNDS \$ 20,041 PROJ PERIOD 6/70- 5/73 TOT PROJECT \$ 55,909
235	CONTROL OF GONADOTROPIN SECRETION: INTERRELATIONS OF BRAIN, PITUITARY, AND GONADS (RATS, GUINEA PIGS) QUINN, DAVID L MUSKINGHAM COLL NEW CONCORD, OHIO	NSP-BMS GRANT GB-28524X	FY 71 FUNDS \$ 11,700 PROJ PERIOD 5/71- 5/73 TOT PROJECT \$ 23,400
236	FUNCTIONS OF THE PINEAL COMPLEX (BIRDS) RALPH, CHARLES L PITTSBURGH, U OF PITTSBURGH, PA	HEW-NIH GRANT NS-08554	FY 71 FUNDS \$ 20,328 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 61,257

237	MECHANISMS OF NEURAL CONTROL OF METABOLIC FUNCTIONS (ANIMALS, HUMANS) REICHLIN, SEYMOUR CONNECTICUT, U OF FARMINGTON, CONN	HEW-NIH GRANT AM-13695	FY 71 FUNDS \$ 58,312 PROJ PERIOD 6/69- 3/74 TOT PROJECT \$ 330,324
238	PINEAL-ENDOCRINE RELATIONSHIPS IN RODENTS REITER, RUSSEL J ROCHESTER, U OF ROCHESTER, N Y	HEW-NIH GRANT HD-02937	FY 71 FUNDS \$ 26,512 PROJ PERIOD 6/67- 5/73 TOT PROJECT \$ 168,690
239	RHINENCEPHALON, NEUROENDOCRINE FUNCTION AND BEHAVIOR SAWYER, CHARLES H CALIFORNIA U OF LOS ANGELES, CALIF	HEW-NIH GRANT NS-01162	FY 71 FUNDS \$ 53,589 PROJ PERIOD 4/59- 3/76 TOT PROJECT \$ 784,727
240	NEUROCHEMISTRY OF THE DIENCEPHALON (HYPOTHALAMUS, RELEASING FACTORS, PIGS, CATTLE, HUMANS) SCHALLY, ANDREW V TULANE U NEW ORLEANS, LA	HEW-NIH GRANT AM-07467	FY 71 FUNDS \$ 83,727 PROJ PERIOD 9/63-11/71 TOT PROJECT \$ 445,239
241	FINE STRUCTURAL CORRELATES OF PINEAL GLAND FUNCTION (HAMSTERS) SHERIDAN, MICHAEL M ROCHESTER, U OF ROCHESTER, N Y	HEW-NIH GRANT AM-12948	FY 71 FUNDS \$ 20,084 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 36,480
242	LIGHT, PINEAL, PITUITARY - ADRENAL RELATIONSHIPS-(GONADS IN RATS AND OTHER MAMMALS) TAYLOR, ANNA M CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH GRANT NS-09122	FY 71 FUNDS \$ 16,660 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 47,993
243	MAMMALIAN EGGS AND PHEROMONES (MICE) WHITTEN, WESLEY K JACKSON LAB BAR HARBOR, MAINE	HEW-NIH GRANT HD-04083	FY 71 FUNDS \$ 66,217 PROJ PERIOD 1/69-12/73 TOT PROJECT \$ 292,729
244	ENDOCRINE CONTROL OF THE METABOLISM OF NEUROHUMORS (MAMMALS) WURTMAN, RICHARD MASSACHUSETTS INST OF TECHNOLOGY CAMBRIDGE, MASS	HEW-NIH GRANT AM-11237	FY 71 FUNDS \$ 32,356 PROJ PERIOD 1/67-12/73 TOT PROJECT \$ 260,573
245	STUDIES ON THE HARDERIAN GLAND (RATS) YUWILER, ARTHUR VETERANS ADMINISTRATION CTR LOS ANGELES, CALIF	VA-DMS INTRAMURAL ZO-30679	FY 71 FUNDS \$ NA
246	HORMONAL INFLUENCES ON BRAIN AND BODY TEMPERATURE (HYPOTHALAMUS IN RATS AND HAMSTERS) ZUCKER, IRVING CALIFORNIA, U OF BERKELEY, CALIF	HEW-HSM GRANT MH-19255	FY 71 FUNDS \$ 6,346 PROJ PERIOD 9/70- 8/71 TOT PROJECT \$ 6,346

PITUITARY AND PLACENTAL HORMONES

247	PROTEIN HORMONES IN THE BODY FLUIDS OF MAN ALBERT, A MAYO FDN ROCHESTER, MINN	HEW-NIH GRANT AM-01738	FY 71 FUNDS \$ 82,200 PROJ PERIOD 9/57- 8/72 TOT PROJECT \$ 1,108,435
248	CHEMICAL AND BIOLOGICAL STUDIES ON HUMAN CHORIONIC GONADOTROPINS BAHL, OM P NEW YORK, STATE U OF BUFFALO, N Y	HEW-NIH GRANT AM-10273	FY 71 FUNDS \$ 41,386 PROJ PERIOD 9/66- 8/74 TOT PROJECT \$ 256,599
249	PITUITARY REGULATION OF THE MALE REPRODUCTIVE FUNCTIONS (RATS, MICE, RABBITS) BARTKE, ANDRZEJ WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	NSF-BMS GRANT GB-27571	FY 71 FUNDS \$ 30,000 PROJ PERIOD 1/71- 2/73 TOT PROJECT \$ 30,000
250	HUMAN CHORIONIC GONADOTROPIN STUDIES CANFIELD, ROBERT E COLUMBIA U NEW YORK, N Y	HEW-NIH CONTRACT HD-02251	FY 71 FUNDS \$ 84,474 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 131,774
251	ASSESSMENT OF THE MALE HUMAN HYPOPHYSEAL GONADAL AXIS WITH CLOMIPHENE CITRATE EDDY, R L VETERANS ADMINISTRATION CTR TEMPLE, TEX	VA-DMS INTRAMURAL ZO-31095	FY 71 FUNDS \$ NA
252	IMMUNOLOGICAL PURIFICATION OF GONADOTROPINS (MAMMALS) ELY, CHARLES A COLUMBIA U NEW YORK, N Y	HEW-NIH GRANT HD-04471	FY 71 FUNDS \$ 44,255 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 121,625
253	RADIOIMMUNOASSAY BY ANTIBODIES BOUND TO GLASS TUBES FALB, RICHARD D BATTELLE MEM INST COLUMBUS, OHIO	HEW-NIH CONTRACT HD-12240	FY 71 FUNDS \$ 21,165 PROJ PERIOD 6/71- 5/72 TOT PROJECT \$ 21,165
254	PROLACTIN PRODUCTION FROM PRIMATE PITUITARY (MONKEYS, HUMANS) GALA, RICHARD R BOSTON U BOSTON, MASS	HEW-NIH CONTRACT HD-92207	FY 71 FUNDS \$ 22,318 PROJ PERIOD 6/69- 8/71 TOT PROJECT \$ 27,688
255	SECRETION AND METABOLISM OF PROLACTIN (SHEEP, CATTLE) GREENWOOD, FREDERICK C HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT AM-13217	FY 71 FUNDS \$ 39,974 PROJ PERIOD 1/69-12/71 TOT PROJECT \$ 129,185
256	IDENTIFICATION OF THE LUTEOTROPHIC COMPLEX IN THE EWE KALTENBACH, CARL COLIN WYOMING, U OF LARAMIE, WYO	HEW-NIH CONTRACT HD-92211	FY 71 FUNDS \$ 29,612 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 69,432

257	PRIMARY STRUCTURE OF PITUITARY GONADOTROPHINS (CATTLE, HUMANS) KATHAN, RALPH H ILLINOIS, U OF CHICAGO, ILL	HEW-NIH GRANT HD-03872	FY 71 FUNDS \$ 15,487 PROJ PERIOD 2/69- 1/72 TOT PROJECT \$ 45,006
258	PITUITARY LACTOGENIC AND GONADOTROPIC HORMONE (MULTIPLE ORGANISMS) LI, C H CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH GRANT AM-06097	FY 71 FUNDS \$ 71,365 PROJ PERIOD 9/62- 8/74 TOT PROJECT \$ 685,403
259	TSH AS ALTERED IN THYROID DISEASE AND BY ESTROGENS (HUMANS, RATS) MALOOP, FARAHE MASSACHUSETTS GENERAL HOSP BOSTON, MASS	HEW-NIH GRANT HD-05195	FY 71 FUNDS \$ 31,286 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 56,286
260	MECHANISM OF ACTION OF LUTEINIZING HORMONE (CORPUS LUTEUM OF CATTLE AND HUMANS) MARSH, JOHN M MIAMI, U OF MIAMI, FLA	HEW-NIH GRANT HD-03142	FY 71 FUNDS \$ 42,350 PROJ PERIOD 9/67- 8/73 TOT PROJECT \$ 201,417
261	SURGICAL ENDOCRINOLOGY (GONADOTROPIN CONTROL OF THE FEMALE REPRODUCTIVE PROCESS) MARSHALL, J R DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL CA-03813	FY 71 FUNDS \$ 90,000
262	STUDIES ON PREGNANT MARE SERUM GONADOTROPIN PMSG PAPKOFF, HAROLD CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH GRANT HD-05722	FY 71 FUNDS \$ 40,686 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 103,698
263	IMMUNOBIOLOGY OF PITUITARY HORMONES; REGULATION OF FSH AND LH (RATS) PARLOW, ALBERT F LOS ANGELES COUNTY DEPT OF HOSP TORRANCE, CALIF	HEW-NIH GRANT AM-11214	FY 71 FUNDS \$ 46,762 PROJ PERIOD 2/67- 1/72 TOT PROJECT \$ 210,457
264	ULTRASTRUCTURE OF PITUITARY HORMONE SECRETION (CELLS WHICH PRODUCE FSH AND LH) RENNELS, EDWARD G TEXAS, U OF SAN ANTONIO, TEX	HEW-NIH GRANT AM-12583	FY 71 FUNDS \$ 36,894 PROJ PERIOD 1/69-12/71 TOT PROJECT \$ 89,279
265	CHARACTERIZATION OF HUMAN PITUITARY GONADOTROPINS ROSENBERG, EUGENIA MEDICAL RESEARCH INST OF WORCESTER WORCESTER, MASS	HEW-NIH GRANT AM-07564	FY 71 FUNDS \$ 95,560 PROJ PERIOD 5/63- 8/72 TOT PROJECT \$ 713,773
266	STUDY OF HUMAN PITUITARY GONADOTROPHINS RYAN, ROBERT J MAYO FDN ROCHESTER, MINN	HEW-NIH GRANT HD-03726	FY 71 FUNDS \$ 96,418 PROJ PERIOD 1/68-12/75 TOT PROJECT \$ 593,473
267	OXYTOCIN IN REPRODUCTION (RATS, PIGS) SAFFRAN, MURRAY MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	HEW-NIH CONTRACT HD-92193	FY 71 FUNDS \$ 58,500 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 211,966

268	CONTROL OF ANTERIOR PITUITARY HORMONE BIOSYNTHESIS (RATS, SHEEP) SAMPLI, MARQUETA H VIRGINIA POLYTECHNIC INST BLACKSBURG, VA	HEW-NIH GRANT AM-13776	FY 71 FUNDS \$ 25,454 PROJ PERIOD 11/69-10/72 TOT PROJECT \$ 67,958
269	ACTION OF GONADOTROPINS IN GONADAL TISSUES (MULTIPLE ORGANISMS) SAVARD, KENNETH MIAMI, U OF MIAMI, FLA	HEW-NIH GRANT HD-03248	FY 71 FUNDS \$ 105,193 PROJ PERIOD 1/68-12/72 TOT PROJECT \$ 481,500
270	HUMAN CHORIONIC GONADOTROPHIN (HUMANS) SCHLAFF, SHELDON THOMAS JEFFERSON U PHILADELPHIA, PA	HEW-NIH GRANT HD-04714	FY 71 FUNDS \$ 25,266 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 81,520
271	DEVELOPMENT OF RADIOIMMUNOASSAY FOR MONKEY GONADOTROPINS SHIPLEY, ELVA G ENDOCRINE LABS OF MADISON INC MADISON, WIS	HEW-NIH CONTRACT HD-02250	FY 71 FUNDS \$ 78,170 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 156,723
272	BIOASSAY FOR PROLACTIN (SHEEP, MICE, HUMANS) TURKINGTON, ROGER WISCONSIN, U OF MADISON, WIS	HEW-NIH CONTRACT HD-12285	FY 71 FUNDS \$ 74,900 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 74,900
273	THE CHEMISTRY OF LUTEINIZING HORMONE (MAMMALS, HUMANS) WARD, DARRELL W TEXAS, U OF HOUSTON, TEX	HEW-NIH GRANT AM-09801	FY 71 FUNDS \$ 92,400 PROJ PERIOD 9/65- 8/75 TOT PROJECT \$ 697,632
274	PRODUCTION OF PITUITARY HORMONES FOR USE IN RESEARCH (CATTLE, PIGS, SHEEP, HUMANS) WILHELMI, ALFRED E EMORY U ATLANTA, GA	HEW-NIH GRANT AM-03598	FY 71 FUNDS \$ 177,822 PROJ PERIOD 9/59- 8/72 TOT PROJECT \$ 1,520,441

STEROID HORMONES

275	ASSAY OF PROGESTERONE RECEPTOR ACTIVITY IN THE UTERUS (GUINEA PIGS) BARDIN, CLYDE W PENNSYLVANIA STATE U UNIVERSITY PARK, PA	HEW-NIH CONTRACT HD-12228	FY 71 FUNDS \$ 21,122 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 21,122
276	ANDROGENS IN REPRODUCTION - PRODUCTION AND ACTIONS (MULTIPLE ANATOMICAL SITES IN HUMANS AND RATS) BARDIN, CLYDE W PENNSYLVANIA STATE U UNIVERSITY PARK, PA	HEW-NIH GRANT HD-05276	FY 71 FUNDS \$ 116,168 PROJ PERIOD 3/71- 2/75 TOT PROJECT \$ 309,653
277	REPRODUCTIVE FUNCTION OF OVARIAN STEROID 17,20-LYASE (SHEEP) BETZ, GEORGE COLORADO, U OF DENVER, COLO	HEW-NIH GRANT HD-05455	FY 71 FUNDS \$ 17,590 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 49,574

278	AGGRESSIVENESS AND ANDROGEN PRODUCTION IN XYY MALES BOON, DONALD A CHILDRENS HOSP OF BUFFALO BUFFALO, N Y	HEW-NIH GRANT HD-05023	FY 71 FUNDS \$ 16,022 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 51,119
279	THE PHYSIOLOGICAL ROLE OF ESTROGEN SULFATES (UTERUS, LIVER AND OTHER TARGET ORGANS) BROOKS, SAM C DETROIT INST OF CANCER RESEARCH DETROIT, MICH	HEW-NIH GRANT CA-04519	FY 71 FUNDS \$ 22,507 PROJ PERIOD 4/59- 9/71 TOT PROJECT \$ 250,326
280	ESTROGEN RECEPTORS AND REPRODUCTIVE FUNCTION (RAT UTERI) CLARK, JAMES HENRY PURDUE U LAFAYETTE, IND	HEW-NIH GRANT HD-04985	FY 71 FUNDS \$ 34,020 PROJ PERIOD 5/70- 4/73 TOT PROJECT \$ 100,499
281	STUDY OF PROGESTERONE ACTION (RATS) CLEMENS, LYNWOOD G MICHIGAN STATE U EAST LANSING, MICH	HEW-NIH CONTRACT HD-02260	FY 71 FUNDS \$ 5,000 PROJ PERIOD 6/70- 9/71 TOT PROJECT \$ 25,300
282	IDENTIFICATION OF CELLULAR SITES OF HORMONE SYNTHESIS (STEROIDS IN GONADS OF BIRDS) DOMM, LINCOLN V LOYOLA U HINES, ILL	HEW-NIH GRANT AM-09926	FY 71 FUNDS \$ 38,588 PROJ PERIOD 9/65-12/71 TOT PROJECT \$ 190,857
283	DIHYDROTESTOSTERONE FORMATION AND ANDROGEN TRANSPORT (DOGS, RATS) EIK-NES, KRISTEN B SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH CONTRACT HD-92097	FY 71 FUNDS \$ 52,857 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 134,107
284	ESTROGEN BINDING IN REPRODUCTIVE ORGANS (RATS, MONKEYS, HUMANS) EISENFELD, ARNOLD J YALE U NEW HAVEN, CONN	HEW-NIH CONTRACT HD-02258	FY 71 FUNDS \$ 58,500 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 97,641
285	PATTERNS OF STEROID METABOLISM IN CANCER (NORMAL AND DISEASED GONADS AND ADRENAL CORTEX) ENGEL, LEWIS L HARVARD U BOSTON, MASS	HEW-NIH GRANT CA-01393	FY 71 FUNDS \$ 189,643 PROJ PERIOD 3/53- 2/74 TOT PROJECT \$ 1,575,476
286	REGULATION OF ANDROGEN SECRETION IN MAMMALIAN TESTES (RABBITS) EWING, LARRY LARUE OKLAHOMA STATE U OF AGR & APPL SCI STILLWATER, OKLA	HEW-NIH GRANT HD-05795	FY 71 FUNDS \$ 62,449 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 158,967
287	ROLE OF FEMALE SEX HORMONES ON CELL TRANSFORMATION (HAMSTERS, HUMANS) FONG, CAROLINE K Y YALE U NEW HAVEN, CONN	HEW-NIH GRANT HD-05400	FY 71 FUNDS \$ 13,235 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 25,180
288	MECHANISM OF ACTION OF ESTROGENS (IN UTERI OF SHEEP, RATS, AND RABBITS) GORSKI, JACK ILLINOIS, U OF URBANA, ILL	HEW-NIH GRANT HD-04828	FY 71 FUNDS \$ 99,694 PROJ PERIOD 6/70- 5/75 TOT PROJECT \$ 446,128

289	DYNAMICS OF METABOLISM OF STEROIDS AND NUCLEOSIDES (HUMANS, MAMMALS) GURPIDE, ERLIO MINNESOTA, U OF MINNEAPOLIS, MINN	HEW-NIH GRANT HD-05363	FY 71 FUNDS \$ 85,515 PROJ PERIOD 6/70- 5/73 TOT PROJECT \$ 258,697
290	BIOSYNTHESIS AND ACTION OF FEMALE HORMONES (SHEEP) HAGERMAN, DWAIN D COLORADO, U OF DENVER, COLO	HEW-NIH GRANT HD-05085	FY 71 FUNDS \$ 31,425 PROJ PERIOD 12/69-11/72 TOT PROJECT \$ 91,588
291	REGULATION OF FUNCTION IN STEROID PRODUCING TISSUES (OVARY, TESTIS, ADRENAL CORTEX) HALKERSTON, IAN D K WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH GRANT AM-12557	FY 71 FUNDS \$ 34,273 PROJ PERIOD 1/69-12/71 TOT PROJECT \$ 101,222
292	BIOSYNTHESIS AND PHYSIOLOGY OF OVARIAN STEROIDS (RABBITS) HILLIARD, JESSAMINE O CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH GRANT HD-01177	FY 71 FUNDS \$ 53,139 PROJ PERIOD 4/64- 1/73 TOT PROJECT \$ 349,157
293	METABOLISM OF ANDROSTENEDIONE AND TESTOSTERONE (HUMANS) HORTON, RICHARD SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH GRANT AM-13710	FY 71 FUNDS \$ 26,688 PROJ PERIOD 4/69- 3/72 TOT PROJECT \$ 813,336
294	MEMBRANE TRANSFER AND METABOLISM OF STEROIDS IN BLOOD (HUMANS) JACOBSON, GERT M HAHNENMANN MED COLL & HOSP OF PHILA PHILADELPHIA, PA	HEW-NIH GRANT AM-15309	FY 71 FUNDS \$ 47,180 PROJ PERIOD 5/71- 4/74 TOT PROJECT \$ 116,480
295	ROLE OF STEROID SULFATES IN GONADAL TISSUE (HUMANS, RATS) JAFFE, ROBERT B MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH GRANT HD-04064	FY 71 FUNDS \$ 30,272 PROJ PERIOD 2/69- 1/72 TOT PROJECT \$ 90,350
296	STEROIDS AND GROWTH (SEX HORMONES IN RATS) JENSEN, ELWOOD V CHICAGO, U OF CHICAGO, ILL	HEW-NIH GRANT CA-02897	FY 71 FUNDS \$ 84,533 PROJ PERIOD 9/57- 8/71 TOT PROJECT \$ 978,350
297	STUDY OF ESTROGEN AND PROGESTERONE BINDING SUBSTANCES (RATS, HUMANS) JIANG, NAI-SIANG MAYO FDN ROCHESTER, MINN	HEW-NIH CONTRACT HD-02305	FY 71 FUNDS \$ 41,740 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 82,700
298	A NEW PATHWAY OF ANDROGEN BIOSYNTHESIS (OVARIAN AND TESTICULAR TISSUE) JUNGSMANN, RICHARD A NORTHWESTERN U EVANSTON, ILL	HEW-NIH GRANT AM-13218	FY 71 FUNDS \$ 13,998 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 43,183
299	PLASMA AND URINARY TESTOSTERONE (HUMANS) KENT, J R VETERANS ADMINISTRATION HOSP LONG BEACH, CALIF	VA-DMS INTRAMURAL ZO-21469	FY 71 FUNDS \$ NA

300	METABOLITES AND CONJUGATES IN BILE AND URINE (PROGESTERONE, ESTROGEN, ORAL CONTRACEPTIVES) KIRDANI, R Y HEALTH RESEARCH INC BUFFALO, N Y	HEW-NIH GRANT AM-11754	FY 71 FUNDS \$ 32,858 PROJ PERIOD 9/67- 8/73 TOT PROJECT \$ 181,253
301	GONADAL AND ADRENAL VENOGRAPHY IN ENDOCRINE EVALUATION (HUMANS) KIRSCHNER, MARVIN A NEW JERSEY COLL OF MED & DENTISTRY JERSEY CITY, N J	HEW-NIH GRANT AM-14999	FY 71 FUNDS \$ 38,807 PROJ PERIOD 2/71- 1/74 TOT PROJECT \$ 81,107
302	MECHANISMS OF ANDROGEN ACTION (MICE, GUINEA PIGS) KOCHAKIAN, CHARLES D ALABAMA, U OF BIRMINGHAM, ALA	HEW-NIH GRANT AM-11060	FY 71 FUNDS \$ 63,792 PROJ PERIOD 6/67- 5/72 TOT PROJECT \$ 330,084
303	CONJUGATED ESTROGENS IN HUMAN URINE KUSHINSKY, STANLEY LOS ANGELES COUNTY DEPT OF HOSP TORRANCE, CALIF	HEW-NIH GRANT AM-09908	FY 71 FUNDS \$ 1,054 PROJ PERIOD 4/65- 8/70 TOT PROJECT \$ 127,488
304	PROGESTERONE PRODUCTION AND METABOLISM (HUMANS) LITTLE, A BRIAN CASE WESTERN RESERVE U CLEVELAND, OHIO	HEW-NIH CONTRACT HD-02145	FY 71 FUNDS \$ 35,112 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 65,542
305	FINE STRUCTURE OF STEROID SECRETING CELLS (VARIOUS SPECIES) LONG, JOHN A CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH GRANT AM-13519	FY 71 FUNDS \$ 23,156 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 75,648
306	DYNAMIC METABOLISM AND SECRETION OF ESTROGENS LONGCOPE, CHRISTOPHER WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH GRANT AM-11252	FY 71 FUNDS \$ 51,703 PROJ PERIOD 1/67- 12/72 TOT PROJECT \$ 227,323
307	BIOSYNTHESIS OF STEROIDS IN THE POLYCYSTIC OVARY (RATS, HAMSTERS, HUMANS) MAHESH, VIRENDRA B GEORGIA, MEDICAL COLL OF AUGUSTA, GA	HEW-NIH GRANT HD-04626	FY 71 FUNDS \$ 42,230 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 124,260
308	ESTROGEN ACTION AND PROTEIN SYNTHESIS (IN UTERI OF RATS) NICOLETTE, JOHN A ILLINOIS, U OF CHICAGO, ILL	HEW-NIH GRANT AM-11882	FY 71 FUNDS \$ 35,893 PROJ PERIOD 9/67- 2/74 TOT PROJECT \$ 146,620
309	STUDIES OF THE ESTROGEN - BINDING PROTEIN (RATS, HUMANS) NOTIDES, ANGELO C ROCHESTER, U OF ROCHESTER, N Y	HEW-NIH CONTRACT HD-02254	FY 71 FUNDS \$ 16,725 PROJ PERIOD 6/70- 12/71 TOT PROJECT \$ 50,175
310	REPRODUCTIVE HORMONES - BIOLOGY AND MOLECULAR ACTIONS (CHICKENS) O MALLEY, BERT W VANDERBILT U NASHVILLE, TENN	HEW-NIH GRANT HD-04473	FY 71 FUNDS \$ 85,012 PROJ PERIOD 9/69- 8/74 TOT PROJECT \$ 402,112
311	STEROID HORMONE-PROTEIN INTERACTIONS PEARLMAN, WILLIAM H NORTH CAROLINA, U OF CHAPEL HILL, N C	NSF-BMS GRANT GB-27492	FY 71 FUNDS \$ 26,000 PROJ PERIOD 1/71- 1/72 TOT PROJECT \$ 26,000

312	DETERMINATION OF ESTROGENS IN URINE AND PLASMA (HUMAN ADULT, MALE AND FEMALE) PREEDY, JOHN R K EMORY U ATLANTA, GA	HEW-NIH GRANT AM-02221	FY 71 FUNDS \$ 65,307 PROJ PERIOD 9/58-11/73 TOT PROJECT \$ 856,193
313	STEROIDOGENESIS IN HUMAN ENDOCRINE TISSUE (FETAL & ADULT GONADS) RICE, BERNARD F ALTON OCHSNER MEDICAL FDN NEW ORLEANS, LA	HEW-NIH GRANT AM-09895	FY 71 FUNDS \$ 30,910 PROJ PERIOD 1/66- 2/72 TOT PROJECT \$ 122,173
314	ESTROGEN BINDING IN HUMAN SERUM ROSNER, WILLIAM ROOSEVELT HOSP NEW YORK, N Y	HEW-NIH GRANT AM-11852	FY 71 FUNDS \$ 24,524 PROJ PERIOD 9/67- 8/73 TOT PROJECT \$ 125,251
315	HORMONAL CONTROL OF ALPHA 2U GLOBULIN SYNTHESIS IN RAT LIVER ROY, ARUN K OAKLAND U ROCHESTER, MICH	HEW-NIH GRANT AM-14744	FY 71 FUNDS \$ 29,341 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 73,185
316	STEROID HORMONE METABOLISM (HUMANS, PRIMATES, MAMMALS) RYAN, KENNETH J CALIFORNIA, U OF SAN DIEGO, CALIF	HEW-NIH GRANT HD-05613	FY 71 FUNDS \$ 57,858 PROJ PERIOD 9/70- 8/72 TOT PROJECT \$ 108,126
317	MODE OF ACTION OF PROGESTATIONAL HORMONES (IN HUMAN AND ANIMAL TISSUES) SALHANICK, HILTON A HARVARD U BOSTON, MASS	HEW-NIH GRANT AM-10081	FY 71 FUNDS \$ 47,938 PROJ PERIOD 7/65-11/71 TOT PROJECT \$ 333,580
318	CORTICOSTEROID METABOLISM BY BOVINE AND RAT BRAIN IN VITRO (TESTOSTERONE AND OTHER ANDROGENS) SHOLITON, L J VETERANS ADMINISTRATION HOSP CINCINNATI, OHIO	VA-DMS INTRAMURAL ZO-23118	FY 71 FUNDS \$ NA
319	THE ROLE OF TESTOSTERONE METABOLITES IN ANDROGENICITY (RATS) SHOLITON, L J VETERANS ADMINISTRATION HOSP CINCINNATI, OHIO	VA-DMS INTRAMURAL ZO-30630	FY 71 FUNDS \$ NA
320	ESTROGEN METABOLISM IN NORMAL AND CANCEROUS PERSONS SLAUNWHITE, W ROY JR CHILDRENS HOSP OF BUFFALO BUFFALO, N Y	HEW-NIH GRANT CA-11791	FY 71 FUNDS \$ 60,975 PROJ PERIOD 9/69- 3/73 TOT PROJECT \$ 171,305
321	DEVELOPMENT OF REPRODUCTIVE FUNCTION (EFFECTS OF SEX HORMONES ON REPRODUCTIVE DEVELOPMENT IN RATS) SNIPES, CHARLES A HAHNEMANN MED COLL & HOSP OF PHILA PHILADELPHIA, PA	HEW-NIH GRANT HD-05730	FY 71 FUNDS \$ 24,784 PROJ PERIOD 5/71- 4/73 TOT PROJECT \$ 40,511
322	STUDIES IN ANDROGEN METABOLISM (HUMANS) SOUTHREN, LOUIS A NEW YORK MEDICAL COLL NEW YORK, N Y	HEW-NIH GRANT AM-12845	FY 71 FUNDS \$ 67,238 PROJ PERIOD 6/70- 5/73 TOT PROJECT \$ 188,648

323	MECHANISM OF HORMONE ACTION IN REPRODUCTIVE ORGANS (RATS) SPAZIANI, EUGENE IOWA, U OF IOWA CITY, IOWA	HEW-NIH GRANT HD-00446	FY 71 FUNDS \$ 29,173 PROJ PERIOD 6/64- 4/73 TOT PROJECT \$ 249,943
324	PROGESTIN LOCALIZATION IN FEMALE REPRODUCTIVE ORGANS (RATS, GUINEA PIGS, MONKEYS) STUMPF, WALTER E NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-NIH GRANT HD-05700	FY 71 FUNDS \$ 44,180 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 83,959
325	STUDIES ON STEROID HORMONE RECEPTORS (MULTIPLE ORGANISMS) TAFT, DAVID O VANDERBILT U NASHVILLE, TENN	HEW-NIH CONTRACT HD-02165	FY 71 FUNDS \$ 47,941 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 88,029
326	A STUDY OF ADRENAL AND OVARIAN SECRETIONS (STERIODS IN BLOOD, URINE, AND TISSUE OF HUMANS, MONKEYS, AND RATS) TOUCHSTONE, JOSEPH C PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH GRANT HD-01199	FY 71 FUNDS \$ 57,534 PROJ PERIOD 1/64- 5/73 TOT PROJECT \$ 495,123
327	PREPARATION OF RHESUS MONKEY CHORIONIC GONADOTROPHIN VALERIO, DAVID A BIONETICS RESEARCH LABORATORIES INC BETHESDA, MD	HEW-NIH CONTRACT HD-10151	FY 71 FUNDS \$ 19,800 PROJ PERIOD 11/70- 3/71 TOT PROJECT \$ 19,800
328	MECHANISM OF ACTION OF STEROID HORMONES (REPRODUCTIVE SYSTEMS, MALE AND FEMALE, IN RATS) VILLEE, CLAUDE A JR HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-01232	FY 71 FUNDS \$ 36,347 PROJ PERIOD 9/63- 5/74 TOT PROJECT \$ 266,580
329	BIOSYNTHESIS AND ACTION OF STEROIDS (REPRODUCTIVE STEROIDS; HUMANS) WARREN, JAMES C KANSAS, U OF KANSAS CITY, KANS	HEW-NIH GRANT AM-05546	FY 71 FUNDS \$ 17,761 PROJ PERIOD 9/61- 6/71 TOT PROJECT \$ 185,828
330	EXTRAHEPATIC METABOLISM OF STEROIDS (PROGESTERONE FROM OVARY) WIEST, WALTER G WASHINGTON U ST LOUIS, MO	HEW-NIH GRANT AM-09125	FY 71 FUNDS \$ 86,242 PROJ PERIOD 7/64- 3/75 TOT PROJECT \$ 689,243
331	METABOLISM OF NATURAL AND SYNTHETIC ESTROGENS (HUMANS, ANIMALS) WILLIAMS, KENNETH I WORCESTER PDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH GRANT AM-13582	FY 71 FUNDS \$ 27,879 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 74,929
332	ACTION OF HORMONES ON PROTEIN AND RNA METABOLISM (MALE GENITAL TRACT; RATS, RABBITS, DOGS, HUMANS) WILSON, JEAN D TEXAS, U OF DALLAS, TEX	HEW-NIH GRANT AM-03892	FY 71 FUNDS \$ 55,938 PROJ PERIOD 6/60- 5/76 TOT PROJECT \$ 529,991
333	THE INDUCTION OF HISTIDINE DECARBOXYLASE ACTIVITY BY ESTROGEN AND PROGESTERONE ZEPPA, R VETERANS ADMINISTRATION HOSP MIAMI, FLA	VA-DMS INTRAMURAL ZO-25578	FY 71 FUNDS \$ NA

REPRODUCTIVE ENDOCRINOLOGY, GENERAL OR MULTIPLE

334	CORPUS LUTEUM REGULATORY MECHANISMS (MAMMALS, HUMANS) ARMSTRONG, DAVID THOMAS WESTERN ONTARIO, U OF LONDON, CANADA	HEW-NIH CONTRACT HD-92165	PY 71 FUNDS \$ 46,932 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 128,648
335	THE SEXUAL HORMONES OF ACHLYA BISEXUALIS BARKSDALE, ALMA WHIPPEN NEW YORK BOTANICAL GARDEN NEW YORK, N Y	HEW-NIH GRANT HD-00850	PY 71 FUNDS \$ 40,612 PROJ PERIOD 12/63-11/72 TOT PROJECT \$ 315,606
336	MOLLUSK PHYSIOLOGY: IMPORTANCE OF ENDOCRINE SYSTEMS (REPRODUCTIVE ENDOCRINOLOGY) BAYNE, CHRISTOPHER J OREGON STATE U CORVALLIS, OREG	NSF-BMS GRANT GB-29315	PY 71 FUNDS \$ 26,300 PROJ PERIOD 5/71- 5/73 TOT PROJECT \$ 26,300
337	METABOLIC AND ENDOCRINE EFFECTS OF PEPTIDE HORMONES (MONKEYS, SHEEP, HUMANS) BECK, PAUL COLORADO, U OF DENVER, COLO	HEW-NIH GRANT HD-02455	PY 71 FUNDS \$ 37,707 PROJ PERIOD 12/66-11/72 TOT PROJECT \$ 218,342
338	ENDOCRINE INFLUENCING CENTERS IN THE HYPOTHALAMUS (RATS) BOGDANOV, EMANUEL N INDIANA U BLOOMINGTON, IND	HEW-NIH GRANT NS-03371	PY 71 FUNDS \$ 53,275 PROJ PERIOD 2/61- 8/71 TOT PROJECT \$ 419,366
339	PROLACTIN RADIOIMMUNOASSAY IN NEUROENDOCRINE STUDIES GALA, RICHARD R WAYNE STATE U DETROIT, MICH	NSF-BMS GRANT GB-27359	PY 71 FUNDS \$ 41,000 PROJ PERIOD 1/71- 1/73 TOT PROJECT \$ 41,000
340	HORMONAL EFFECTS ON THE DEVELOPING AND ADULT BRAIN (RATS) GALLO, ROBERT V CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH GRANT HD-05577	PY 71 FUNDS \$ 44,878 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 103,650
341	PITUITARY AND HYPOTHALAMIC PROTEINS AND PEPTIDES (MULTIPLE ORGANISMS) GESCHWIND, IRVING I CALIFORNIA, U OF DAVIS, CALIF	HEW-NIH GRANT HD-00394	PY 71 FUNDS \$ 54,509 PROJ PERIOD 9/63- 8/73 TOT PROJECT \$ 354,912
342	SIXTH INTERNATIONAL SYMPOSIUM ON COMPARATIVE ENDOCRINOLOGY GILBERT, L I AMERICAN SOCIETY OF ZOOLOGISTS THOUSAND OAKS, CALIF	HEW-NIH GRANT AN-15674	PY 71 FUNDS \$ 3,150 PROJ PERIOD 4/71- 3/72 TOT PROJECT \$ 3,150
343	CONTROL OF PITUITARY AND GONADAL HORMONE SECRETION (RATS) GOLDMAN, BRUCE D CONNECTICUT, U OF STORRS, CONN	HEW-NIH GRANT HD-05481	PY 71 FUNDS \$ 46,789 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 102,699

344	STUDIES ON THE OVARIAN-HYPOTHALAMIC-HYPOPHYSEAL AXIS (RATS) GORSKI, ROGER A CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH GRANT HD-01182	FY 71 FUNDS \$ 58,331 PROJ PERIOD 9/63-10/73 TOT PROJECT \$ 451,732
345	CNS PITUITARY OVARY INTERRELATIONSHIPS (RATS, MONKEYS, RABBITS, MICE) GREEP, ROY O HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-03736	FY 71 FUNDS \$ 106,040 PROJ PERIOD 9/68- 8/72 TOT PROJECT \$ 382,758
346	ENDOCRINE CONTROL OF ANIMAL REPRODUCTION (EFFECTS OF PITUITARY, UTERUS AND OVARY ON EMBRYO SURVIVAL) HAWK, HAROLD W U S DEPARTMENT OF AGRICULTURE BELTSVILLE, MD	USDA-ARS INTRAMURAL 310-21-060	FY 71 FUNDS \$ 55,000
347	NERVOUS CONTROL OF THE PITUITARY (RABBITS) HILLIARD, JESSAMINE J VETERANS ADMINISTRATION HOSP LONG BEACH, CALIF	VA-DHS INTRAMURAL 20-12235	FY 71 FUNDS \$ NA
348	FACTORS CONTROLLING THE TIMING OF LH RELEASE (RATS) HOPPMANN, JOAN C HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT HD-05622	FY 71 FUNDS \$ 22,755 PROJ PERIOD 9/70-12/71 TOT PROJECT \$ 22,755
349	FOLLICLE STIMULATING HORMONE CONTROL IN THE MALE (RATS) JOHNSON, DONALD C KANSAS, U OF KANSAS CITY, KANS	HEW-NIH GRANT HD-03097	FY 71 FUNDS \$ 17,024 PROJ PERIOD 3/68- 2/72 TOT PROJECT \$ 66,902
350	STUDIES ON REPRODUCTIVE PHYSIOLOGY IN THE MACAQUE (OVARY) KNOBIL, ERNST PITTSBURGH, U OF PITTSBURGH, PA	HEW-NIH GRANT HD-03968	FY 71 FUNDS \$ 109,702 PROJ PERIOD 1/69-12/73 TOT PROJECT \$ 469,433
351	BIOLOGY OF REPRODUCTION: CLINICAL AND EXPERIMENTAL (HUMANS, MAMMALS) LIPSETT, MORTIMER B DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL HD-RPL-1	FY 71 FUNDS \$ 803,000
352	STUDIES OF TESTOSTERONE STERILIZED RAT LLOYD, CHARLES W WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH GRANT AN-08184	FY 71 FUNDS \$ 68,918 PROJ PERIOD 1/64-12/71 TOT PROJECT \$ 424,466
353	CONTROL OF OVULATION AND CORPUS LUTEUM FUNCTION (EFFECTS OF HORMONES IN MAMMALS) MAHESH, VIRENDRA B GEORGIA, MEDICAL COLL OF AUGUSTA, GA	HEW-NIH CONTRACT HD-02149	FY 71 FUNDS \$ 22,155 PROJ PERIOD 5/70- 5/72 TOT PROJECT \$ 65,915
354	PROGRAM PROJECT IN REPRODUCTIVE ENDOCRINOLOGY (MULTIPLE ANATOMICAL SITES AND ORGANISMS) MIDGLEY, A REES JR MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH GRANT HD-05318	FY 71 FUNDS \$ 181,130 PROJ PERIOD 8/70- 7/75 TOT PROJECT \$ 831,130

355	DEVEL OF AN AUTOMATED IMMUNORADIOMETRIC ASSAY SYSTEM MILES, LAUGHTON E M STANFORD U STANFORD, CALIF	HEW-NIH CONTRACT HD-12236	FY 71 FUNDS \$ 60,772 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 60,772
356	ENDOCRINOLOGY OF REPRODUCTION OF DOMESTIC ANIMALS (MAMMALS) MALBANDOV, ANDREW V ILLINOIS, U OF URBANA, ILL	HEW-NIH GRANT HD-03043	FY 71 FUNDS \$ 98,612 PROJ PERIOD 1/68-12/72 TOT PROJECT \$ 446,852
357	ASPARTATE CARBAMYLTRANSFERASE OF REPRODUCTIVE TISSUES (RATS) NISHIKAWARA, MARGARET T OHIO STATE U COLUMBUS, OHIO	HEW-NIH GRANT HD-05040	FY 71 FUNDS \$ 15,590 PROJ PERIOD 6/70- 5/72 TOT PROJECT \$ 33,787
358	ENDOCRINE REGULATION OF THE CORPUS LUTEUM (SHEEP) NISWENDER, GORDON DEAN MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH CONTRACT HD-92134	FY 71 FUNDS \$ 53,620 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 117,546
359	THE ROLE OF LIGHT IN CNS-PITUITARY-GONADAL CONTROL (RATS) PIACSEK, BELA E MARQUETTE U MILWAUKEE, WIS	HEW-NIH GRANT HD-04375	FY 71 FUNDS \$ 30,613 PROJ PERIOD 11/69-10/72 TOT PROJECT \$ 108,420
360	STUDY OF THE RAT ESTROUS CYCLE (EFFECTS OF HORMONES) SCHWARTZ, NEENA BETTY ILLINOIS, U OF CHICAGO, ILL	HEW-NIH CONTRACT HD-02307	FY 71 FUNDS \$ 46,594 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 88,094
361	HYPOTHALAMO-HYPOPHYSIAL CONTROL OF THE GONAD (RABBITS, RATS) SPIES, HAROLD GLEN TULANE U NEW ORLEANS, LA	HEW-NIH GRANT HD-03732	FY 71 FUNDS \$ 15,400 PROJ PERIOD 5/69- 4/73 TOT PROJECT \$ 65,857
362	MECHANISMS OF HORMONE ACTION (RATS) SZEGO, CLARA M CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH GRANT HD-04354	FY 71 FUNDS \$ 55,724 PROJ PERIOD 9/69- 8/72 TOT PROJECT \$ 152,566
363	STUDIES IN REPRODUCTIVE BIOCHEMISTRY AND MEDICINE (MULTIPLE ANATOMICAL SITES AND SPECIES) VANDE WIELE, RAYMOND L COLUMBIA U NEW YORK, N Y	HEW-NIH GRANT HD-05077	FY 71 FUNDS \$ 249,179 PROJ PERIOD 5/70- 4/75 TOT PROJECT \$ 1,793,395
364	FOURTH INTERNATIONAL CONGRESS OF ENDOCRINOLOGY WILHELM, ALFRED E ENDOCRINE SOC OKLAHOMA CITY, OKLA	HEW-NIH CONTRACT HD-11396	FY 71 FUNDS \$ 20,000 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 20,000

DEVELOPMENT OF NEW FERTILITY REGULATION TECHNIQUES

NATURAL OR SYNTHETIC AGENTS OTHER THAN PRESENTLY USED CONTRACEPTIVES

365	TROPHOBLAST STUDY PROGRAM TO PRODUCE AN ANTIBODY TO TROPHOBLAST BEHRMAN, SAMUEL J MICHIGAN U, OF ANN ARBOR, MICH	AID-TA GRANT 93111570923E	FY 71 FUNDS \$ 119,885 PROJ PERIOD 7/71- 6/74 TOT PROJECT \$ 119,885
366	EFFECT OF PGE-1 AND PGF-2 ON UTERINE CONTRACTILITY AND ENDOMETRIAL MORPHOLOGY BEHRMAN, SAMUEL J MICHIGAN, U OF ANN ARBOR, MICH	AID-TA GRANT 93111570923F	FY 71 FUNDS \$ 67,290 PROJ PERIOD 7/71- 6/73 TOT PROJECT \$ 67,290
367	SYNTHESIZE ANTIFERTILITY COMPOUNDS (RATS, MONKEYS) BOSE, AJAY K STEVENS INST OF TECHNOLOGY HOBOKEN, N J	HEW-NIH CONTRACT HD-12461	FY 71 FUNDS \$ 52,301 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 52,301
368	THE DEVELOPMENT OF INHIBITORS TO ESTROGEN BIOSYNTHESIS (HUMANS, RATS, SHEEP) BRODIE, HARRY J WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH CONTRACT HD-02158	FY 71 FUNDS \$ 43,634 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 87,268
369	RESEARCH ON SIDE EFFECTS AND MECHANISM OF ACTION OF PROSTAGLANDINS (HUMANS, RABBITS) CSAPO, ARPAD ISTVAN WASHINGTON U ST LOUIS, MO	AID-TA CONTRACT 93117570541	FY 71 FUNDS \$ 293,000 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 293,000
370	INVESTIGATION OF THE CLINICAL EFFECTS OF PROSTAGLANDIN P2 IN THE SECOND TRIMESTER CUSHNER, IRVIN M JOHNS HOPKINS U BALTIMORE, MD	AID-TA GRANT 93111570916B	FY 71 FUNDS \$ 49,996 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 40,996
371	INVESTIGATION OF THE CLINICAL EFFECTS OF PROSTAGLANDIN P2 IN THE FIRST TRIMESTER CUSHNER, IRVIN M JOHNS HOPKINS U BALTIMORE, MD	AID-TA GRANT 93111570916C	FY 71 FUNDS \$ 49,998 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 49,998
372	RESEARCH FOR THE DEVELOPMENT OF A COMBINED AGENT FOR DISEASE PROPHYLAXES AND CONTRACEPTIVES (RABBITS) CUTLER, JOHN C PITTSBURGH, U OF PITTSBURGH, PA	AID-TA CONTRACT 93117570526	FY 71 FUNDS \$ -- PROJ PERIOD 6/70- 6/73 TOT PROJECT \$ 581,000
373	SYNTHESIZING AND TESTING OF AN ANTIFERTILITY COMPOUND (MONKEYS, RATS, DOGS) DE RENZO, EDWARD C AMERICAN CYANAMID COMPANY PEARL RIVER, N Y	HEW-NIH CONTRACT HD-12465	FY 71 FUNDS \$ 65,749 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 65,749

374	PROTEIN BINDING OF CORTICOSTEROID (EFFECTS OF ESTROGEN PREPARATIONS, PROGESTATIONAL AND ANABOLIC AGENTS) DOE, RICHARD P VETERANS ADMINISTRATION HOSP MINNEAPOLIS, MINN	VA-DMS INTRAMURAL 20-06195	FY 71 FUNDS \$	NA
375	PROSTAGLANDIN ANALOGS FOR BIOLOGICAL STUDIES (MAMMALS) FRIED, JOSEF CHICAGO, U OF CHICAGO, ILL	HEW-NIH CONTRACT HD-12117	FY 71 FUNDS \$ PROJ PERIOD 4/71- 4/72 TOT PROJECT \$	46,675 46,675
376	SYNTHESIS OF PROSTAGLANDINS AND PROSTAGLANDIN ANALOGS FRIED, JOSEF CHICAGO, U OF CHICAGO, ILL	HEW-NIH GRANT AM-11499	FY 71 FUNDS \$ PROJ PERIOD 5/67- 4/75 TOT PROJECT \$	54,303 312,175
377	SYNTHESIZING AND TESTING OF ANTI-FERTILITY COMPOUNDS (RATS, MICE) FRIEDMAN, ORRIS M COLLABORATIVE RESEARCH INC WALTHAM, MASS	HEW-NIH CONTRACT HD-12460	FY 71 FUNDS \$ PROJ PERIOD 6/71- 6/73 TOT PROJECT \$	137,316 137,316
378	ANTIFERTILITY EFFECTS OF ALKYLATING STEROIDS (MICE, SHEEP) GASS, GEORGE H SOUTHERN ILLINOIS U CARBONDALE, ILL	HEW-NIH CONTRACT HD-12458	FY 71 FUNDS \$ PROJ PERIOD 6/71- 6/72 TOT PROJECT \$	29,357 29,357
379	PETAL RESORPTION (SUBSTANCES CAPABLE OF INDUCING PETAL RESORPTION IN RATS) GROSS, E DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL HD-LB15	FY 71 FUNDS \$	8,000
380	DEVELOPMENT OF INHIBITORS OF LH RELEASING FACTORS AS CONTRACEPTIVE AGENTS (SHEEP AND PIGS) GUILLENAN, ROGER SALK INST FOR BIOLOGICAL STUDIES SAN DIEGO, CALIF	AID-TA CONTRACT 93117570518	FY 71 FUNDS \$ PROJ PERIOD 6/70- 6/73 TOT PROJECT \$	-- 2,255,000
381	NEW HYDROPHILIC POLYMERS FOR POPULATION REGULATION (RABBITS, HUMANS) HALPERN, B DAVID POLYSCIENCES INC WARRINGTON, PA	HEW-NIH CONTRACT HD-12239	FY 71 FUNDS \$ PROJ PERIOD 6/71- 6/72 TOT PROJECT \$	68,937 68,937
382	RESEARCH FOR THE DEVELOPMENT OF A ONCE-A-MONTH CONTRACEPTIVE PILL (MULTIPLE ORGANISMS) HARPER, MICHAEL J K WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	AID-TA CONTRACT 93117580493	FY 71 FUNDS \$ PROJ PERIOD 6/68- 6/72 TOT PROJECT \$	99,000 208,000
383	ENDOMETRIAL PROSTAGLANDINS AND LUTEAL FUNCTIONS (SHEEP, MONKEYS) INSKEEP, E KEITH WEST VIRGINIA U MORGANTOWN, W VA	HEW-NIH CONTRACT HD-92215	FY 71 FUNDS \$ PROJ PERIOD 6/69- 6/72 TOT PROJECT \$	31,710 67,047
384	LUTEOLYSIS AS AN APPROACH TO CONTRACEPTION (EFFECTS OF PROSTAGLANDIN IN MULTIPLE ORGANISMS) JOHNSTON, JOHN O UPJOHN COMPANY, THE KALAMAZOO, MICH	HEW-NIH CONTRACT HD-92208	FY 71 FUNDS \$ PROJ PERIOD 6/69- 6/72 TOT PROJECT \$	72,903 200,587

385	AN INVESTIGATION OF THE CLINICAL EFFICACY OF PROSTAGLANDIN P2 AS A LUTEOLYTIC AGENT JONES, GEORGEANNA SEEGAR JOHNS HOPKINS U BALTIMORE, MD	AID-TA GRANT 93111570916D	FY 71 FUNDS \$ 49,995 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 49,995
386	RESEARCH ON PROSTAGLANDINS IN RELATION TO HUMAN REPRODUCTION KABIM, SULTAN M M MAKERERE U MEDICAL SCHOOL KAMPALA, UGANDA	AID-TA CONTRACT 93117570540	FY 71 FUNDS \$ 822,000 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 822,000
387	THE BIOCHEMISTRY OF INSECT STERILANTS KILGORE, WENDELL W CALIFORNIA, U OF DAVIS, CALIF	HEW-NIH GRANT HD-01265	FY 71 FUNDS \$ 59,518 PROJ PERIOD 4/64- 5/72 TOT PROJECT \$ 359,629
388	LONG ACTING INJECTABLE PROGESTERONE CONTRACEPTIVE (RABBITS, HAMSTERS) KINCL, FRED A BROOKDALE HOSP CTR NEW YORK, N Y	HEW-NIH CONTRACT HD-12235	FY 71 FUNDS \$ 118,614 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 118,614
389	QUANTIFICATION OF PROSTAGLANDINS (MONKEYS, HUMANS) KIRTON, KENNETH T UPJOHN COMPANY, THE KALAMAZOO, MICH	HEW-NIH CONTRACT HD-12224	FY 71 FUNDS \$ 42,913 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 42,913
390	EFFECT OF PROSTAGLANDINS ON OVARIAN FUNCTION (HUMANS) LE MAIRE, WILLIAM MIAMI, U OF CORAL GABLES, FLA	HEW-NIH CONTRACT HD-12238	FY 71 FUNDS \$ 115,909 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 115,909
391	PROSTAGLANDIN AND OTHER RESEARCH FOR THE DEVELOPMENT OF CONTRACEPTIVES LLOYD, CHARLES W WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	AID-TA CONTRACT 93117580520	FY 71 FUNDS \$ -- PROJ PERIOD 6/70- 6/73 TOT PROJECT \$ 2,980,000
392	INTERNATIONAL CONFERENCE ON PROSTAGLANDINS NEVILLE, ADMIRAL NEW YORK ACADEMY OF SCIENCES NEW YORK, N Y	AID-TA GRANT 93111570898	FY 71 FUNDS \$ 60,000 PROJ PERIOD 9/70- 9/71 TOT PROJECT \$ 60,000
393	ORAL STEROID CONTRACEPTIVES FOR MALES (HUMANS) PAULSEN, C ALVIN WASHINGTON, U OF SEATTLE, WASH	HEW-NIH CONTRACT HD-12234	FY 71 FUNDS \$ 118,056 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 118,056
394	SYNTHESIS AND TESTING OF PROSTANOIC ACID DERIVATIVES (RODENTS, MONKEYS) REVESZ, CLARA AYERST RESEARCH LABORATORIES MONTREAL, CANADA	HEW-NIH CONTRACT HD-12463	FY 71 FUNDS \$ 180,640 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 180,640
395	NEW METHODS OF FERTILITY REGULATION (MAMMALS) RISLEY, PAUL LEMUEL OREGON, U OF EUGENE, OREG	HEW-NIH CONTRACT HD-92099	FY 71 FUNDS \$ 33,546 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 99,321

396	SCREENING FOR INHIBITORS OF PROGESTERONE SYNTHESIS (RABBITS, MONKEYS) SALHANICK, HILTON A HARVARD U CAMBRIDGE, MASS	HEW-NIH CONTRACT HD-02319	FY 71 FUNDS \$ 45,500 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 90,620
397	CONTRACEPTIVE DEVELOPMENT (ANTI-PROGESTATIONAL ACTIVITY) SEGAL, SHELDON J POPULATION COUNCIL, THE NEW YORK, N Y	AID-TA CONTRACT 93117580512	FY 71 FUNDS \$ -- PROJ PERIOD 6/69- 6/73 TOT PROJECT \$ 3,000,000
398	STUDIES ON THE SYNTHESIS OF PROSTAGLANDINS (MICROORGANISMS) SIH, CHARLES WISCONSIN, U OF MADISON, WIS	AID-TA CONTRACT 93111570532	FY 71 FUNDS \$ 227,000 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 227,000
399	SYNTHESIS AND TESTING OF ANTIFERTILITY COMPOUNDS (RATS) SKINNER, W A STANFORD RESEARCH INST MENLO PARK, CALIF	HEW-NIH CONTRACT HD-12462	FY 71 FUNDS \$ 108,908 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 108,908
400	THE ROLE OF PROSTAGLANDINS IN OVARIAN PHYSIOLOGY (MONKEYS) SPEROFF, LEON YALE U NEW HAVEN, CONN	HEW-NIH CONTRACT HD-12118	FY 71 FUNDS \$ 25,470 PROJ PERIOD 3/71- 3/72 TOT PROJECT \$ 25,470
401	SYNTHESIZE, FURNISH, AND TEST ANTIFERTILITY COMPOUNDS (MICE) WALL, MONROE E RESEARCH TRIANGLE INST RESEARCH TRIANGLE PARK, N C	HEW-NIH CONTRACT HD-12457	FY 71 FUNDS \$ 112,855 PROJ PERIOD 5/71- 5/72 TOT PROJECT \$ 112,855
402	SYNTHESIZE AND TEST ANTIFERTILITY AGENTS (MAMMALS) WOTIZ, HERBERT H BOSTON U BOSTON, MASS	HEW-NIH CONTRACT HD-12459	FY 71 FUNDS \$ 67,673 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 67,673

NEW CONTRACEPTIVE DEVICES AND REVERSIBLE STERILIZATION
TECHNIQUES

403	INTRA-UTERINE STERILIZATION SYSTEM FOR THE FEMALE BRUESCHKE, ERICH E ILLINOIS INST OF TECHNOLOGY CHICAGO, ILL	HEW-NIH CONTRACT HD-12233	FY 71 FUNDS \$ 252,992 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 252,992
404	DEVELOPMENT OF IMPLANTABLE CONTRACEPTIVE DEVICES FOR THE MALE (GUINEA PIGS) BRUESCHKE, ERICH E ILLINOIS INST OF TECHNOLOGY CHICAGO, ILL	HEW-NIH CONTRACT HD-12229	FY 71 FUNDS \$ 148,584 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 148,584

405	DEVICE AND TECHNIQUE FOR BLOCKING THE FALLOPIAN TUBES (RABBITS)			
	ERB, ROBERT A	HEW-NIH	FY 71 FUNDS \$	85,967
	FRANKLIN INST OF THE STATE OF PA	CONTRACT	PROJ PERIOD	6/71- 6/72
	PHILADELPHIA, PA	HD-12237	TOT PROJECT \$	85,967
406	THE EFFICACY OF TESTOSTERONE FILLED IMPLANTS IN RABBITS			
	EWING, LARRY LARUE	HEW-NIH	FY 71 FUNDS \$	14,460
	OKLAHOMA STATE U OF AGR & APPL SCI	CONTRACT	PROJ PERIOD	5/70-11/71
	STILLWATER, OKLA	HD-02152	TOT PROJECT \$	43,377
407	INTRAUTERINE MICROCAPSULES AS A DRUG RELEASE FORM (MONKEYS, RABBITS)			
	FALB, RICHARD D	HEW-NIH	FY 71 FUNDS \$	60,825
	BATTELLE MEM INST	CONTRACT	PROJ PERIOD	6/71- 6/72
	COLUMBUS, OHIO	HD-12230	TOT PROJECT \$	60,825
408	TESTING OF A REVERSIBLE CONTRACEPTIVE DEVICE FOR MAN (GUINEA PIGS)			
	PREUND, MATTHEW JAY	HEW-NIH	FY 71 FUNDS \$	65,000
	NEW YORK MEDICAL COLL	CONTRACT	PROJ PERIOD	6/71- 6/72
	NEW YORK, N Y	HD-12223	TOT PROJECT \$	65,000
409	SURGICAL AND ENGINEERING RESEARCH ON MEANS OF FERTILITY CONTROL			
	PRAGER, DENIS J	AID-TA	FY 71 FUNDS \$	830,000
	BATTELLE MEMORIAL INST	CONTRACT	PROJ PERIOD	6/71- 6/74
	SEATTLE, WASH	93117570538	TOT PROJECT \$	830,000
410	GRAFTED HYDROGELS IN CONTRACEPTIVE APPLICATION (RABBITS, HUMANS)			
	SCOTT, HARVEY	HEW-NIH	FY 71 FUNDS \$	108,356
	FRANKLIN INST OF THE STATE OF PA	CONTRACT	PROJ PERIOD	6/71- 6/72
	PHILADELPHIA, PA	HD-12231	TOT PROJECT \$	108,356

REPRODUCTIVE PROCESSES AND CONTRACEPTIVE DEVELOPMENT, GENERAL OR MULTIPLE

411	STUDIES ON COMPARATIVE CYTOLOGY (OOCYTES, FERTILIZED EGGS, AND OVIDUCTS IN MULTIPLE SPECIES)			
	ANDERSON, EVERETT	HEW-NIH	FY 71 FUNDS \$	40,396
	MASSACHUSETTS, U OF	GRANT	PROJ PERIOD	1/70-12/74
	AMHERST, MASS	HD-04924	TOT PROJECT \$	179,557
412	OOGENESIS TO IMPLANTATION (MULTIPLE ORGANISMS)			
	BIGGERS, JOHN D	HEW-NIH	FY 71 FUNDS \$	287,583
	JOHNS HOPKINS U	GRANT	PROJ PERIOD	1/71-12/75
	BALTIMORE, MD	HD-05594	TOT PROJECT \$	1,259,509
413	STUDIES IN MAMMALIAN REPRODUCTION (REPRODUCTIVE SYSTEMS, MALE AND FEMALE, IN RABBITS)			
	BLANDAU, RICHARD J	HEW-NIH	FY 71 FUNDS \$	186,493
	WASHINGTON, U OF	GRANT	PROJ PERIOD	1/69-12/73
	SEATTLE, WASH	HD-03752	TOT PROJECT \$	834,050
414	MEIOSIS AND REPRODUCTION (PLANTS)			
	CHIANG, KWEN-SHENG	HEW-NIH	FY 71 FUNDS \$	56,269
	CHICAGO, U OF	GRANT	PROJ PERIOD	5/71- 4/74
	CHICAGO, ILL	HD-05804	TOT PROJECT \$	104,997

415	REPRODUCTION AND DEVELOPMENTAL BIOLOGY (REPRODUCTIVE SYSTEMS, MALE AND FEMALE; MAMMALS) DE FEO, VINCENT J HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT HD-02066	FY 71 FUNDS \$ 62,977 PROJ PERIOD 3/66- 6/72 TOT PROJECT \$ 325,520
416	EXPERIENCES WITH A LARGE BREEDING COLONY OF MACACA MULATTA DIGIACOMO, RONALD F NATIONAL INST OF HEALTH BETHESDA, MD	HEW-NIH INTRAMURAL NS(I) 1818	FY 71 FUNDS \$ NA
417	STUDIES IN BREEDING LARGE DOGS FOR MEDICAL RESEARCH (REPRODUCTION RESEARCH) FLETCHER, W S OREGON, U OF PORTLAND, OREG	HEW-NIH GRANT RR-00389	FY 71 FUNDS \$ 95,000
418	MATURATION, METABOLISM AND AGING OF GAMETES (RABBITS, CATTLE, DOGS) FOOTE, ROBERT H CORNELL U ITHACA, N Y	HEW-NIH GRANT HD-03471	FY 71 FUNDS \$ 45,111 PROJ PERIOD 9/67- 8/71 TOT PROJECT \$ 166,093
419	MULTIDISCIPLINARY INVESTIGATION OF CONTRACEPTION (PRIMATES, NICE) FROMM, ELI DREXEL U PHILADELPHIA, PA	HEW-NIH CONTRACT HD-92189	FY 71 FUNDS \$ 7,688 PROJ PERIOD 6/69- 9/71 TOT PROJECT \$ 162,581
420	OPERATION OF THE OREGON REGIONAL PRIMATE RESEARCH CENTER HOLMAN, CHARLES N MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	HEW-NIH GRANT RR-00163	FY 71 FUNDS \$ 400,000
421	CONTROL MECHANISMS IN REPRODUCTION AND DEVELOPMENT (MULTIPLE ANATOMICAL SITES AND ORGANISMS) JACOBSON, ANTOINE G TEXAS, U OF AUSTIN, TEX	HEW-NIH GRANT HD-03803	FY 71 FUNDS \$ 370,747 PROJ PERIOD 11/68-10/71 TOT PROJECT \$ 901,084
422	PRIMATE RESOURCE FOR STUDIES IN REPRODUCTIVE PHYSIOLOGY KNOBIL, ERNST PITTSBURGH, U OF PITTSBURGH, PA	HEW-NIH GRANT RR-00298	FY 71 FUNDS \$ 125,000
423	SYMPOSIUM ON THE IMMUNOLOGICAL ASPECTS OF REPRODUCTION LEATHEN, JAMES H SOCIETY FOR STUDY OF REPRODUCTION NEW BRUNSWICK, N J	HEW-NIH CONTRACT HD-10558	FY 71 FUNDS \$ 4,000 PROJ PERIOD 2/71- 1/72 TOT PROJECT \$ 4,000
424	PRIMATE RESOURCE STUDIES IN REPRODUCTIVE BIOLOGY MASTROIANNI, LUIGI JR PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH GRANT RR-00340	FY 71 FUNDS \$ 117,600
425	OBESITY, WEIGHT REDUCTION AND REPRODUCTIVE PERFORMANCE (RATS) NICKELSEN, OLAF MICHIGAN STATE U EAST LANSING, MICH	HEW-NIH GRANT HD-04502	FY 71 FUNDS \$ 26,746 PROJ PERIOD 12/69-11/72 TOT PROJECT \$ 73,348

426	STUDIES ON HUMAN REPRODUCTION AND CONTRACEPTION (REPRODUCTIVE SYSTEMS IN MULTIPLE ORGANISMS) MOGHISSI, KAMRAN S WAYNE STATE U DETROIT, MICH	HEW-NIH GRANT HD-03416	FY 71 FUNDS \$ 647 PROJ PERIOD 3/68- 2/71 TOT PROJECT \$ 605,283
427	ION TRANSPORT DURING DEVELOPMENT OF R. PIPPIENS EGGS MORRILL, GENE A YESHIVA U NEW YORK, N Y	HEW-NIH GRANT HD-05093	FY 71 FUNDS \$ 48,961 PROJ PERIOD 1/70-12/74 TOT PROJECT \$ 213,789
428	SIXTH WORLD CONGRESS OF GYNECOLOGY AND OBSTETRICS RICHARDSON, DONALD F AMERICAN COLL OF OBSTETRICS & GYN CHICAGO, ILL	AID-TA GRANT 93111570870	FY 71 FUNDS \$ -- PROJ PERIOD 2/70-12/70 TOT PROJECT \$ 94,000
429	GENETIC CONTROL MECHANISMS IN MAMMALIAN DEVELOPMENT (FERTILIZED OVA OF MICE AND AMPHIBIANS) RODMAN, TOBY C CORNELL U NEW YORK, N Y	HEW-NIH GRANT HD-04846	FY 71 FUNDS \$ 31,982 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 81,582
430	HORMONAL EFFECTS ON THE GONADS (HAMSTERS, DOGS) RUNYAN, JOHN W JR TENNESSEE, U OF MEMPHIS, TENN	HEW-NIH GRANT HD-04967	FY 71 FUNDS \$ 30,856 PROJ PERIOD 7/70- 6/73 TOT PROJECT \$ 79,574
431	BASIC SCIENCE STUDIES ON INFERTILITY IN RATS STANLEY, ALLAN J OKLAHOMA, U OF OKLAHOMA CITY, OKLA	HEW-NIH GRANT HD-03909	FY 71 FUNDS \$ 74,489 PROJ PERIOD 1/69- 2/72 TOT PROJECT \$ 176,359
432	EFFECT OF MATERNAL AGE ON REPRODUCTIVE CAPACITY (MICE) TALBERT, GEORGE B NEW YORK, STATE U OF NEW YORK, N Y	HEW-NIH GRANT HD-02014	FY 71 FUNDS \$ 13,345 PROJ PERIOD 2/66- 1/72 TOT PROJECT \$ 70,544
433	PHYSIOLOGICAL AND PHARMACOLOGICAL STUDIES ON REPRODUCTIVE PROCESSES IN LABORATORY PRIMATES TULLNER, W W DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL HD-RP1	FY 71 FUNDS \$ 159,000
434	STUDIES IN REPRODUCTIVE BIOLOGY (EMBRYONIC CELLS, CRABS, AND SEA URCHINS) VAUGHN, JACK C MIAMI U OXFORD, OHIO	NSF-BMS GRANT GB-29486	FY 71 FUNDS \$ 900 PROJ PERIOD 5/71- 9/71 TOT PROJECT \$ 900
435	GENERAL CLINICAL RESEARCH CENTERS (ESTIMATED SUPPORT FOR POPULATION RESEARCH) NATIONAL INST OF HEALTH BETHESDA, MD	HEW-NIH GRANT RR-000XX	FY 71 FUNDS \$ 576,295

FERTILITY REGULATION TECHNIQUES PRESENTLY IN USE

CONTRACEPTIVES

STEROID CONTRACEPTIVES

436	EFFECTS OF PREGNANCY AND STEROIDS ON ARTERIES (INCLUDES EFFECTS OF ORAL CONTRACEPTIVES IN GUINEA PIGS)	ALBERT, ERNEST N GEORGE WASHINGTON U WASHINGTON, D C	HEW-NIH GRANT HE-12557	FY 71 FUNDS \$ 17,888 PROJ PERIOD 7/68- 8/72 TOT PROJECT \$ 73,999
437	HYPOPHYSEAL RESPONSE TO ESTROGENS AND PROGESTINS (EFFECTS OF ORAL CONTRACEPTIVES ON RATS)	BAKER, BURTON L MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH GRANT HD-03159	FY 71 FUNDS \$ 38,084 PROJ PERIOD 5/68- 4/72 TOT PROJECT \$ 144,970
438	EFFECT OF ORAL CONTRACEPTIVES ON BODY WATER AND ELECTROLYTES (HUMANS)	BLAND, W H VETERAN ADMINISTRATION CTR LOS ANGELES, CALIF	VA-DHS INTRAMURAL ZO-27691	FY 71 FUNDS \$ NA
439	HUMAN METABOLISM OF STEROID CONTRACEPTIVES (HUMANS, RATS, GUINEA PIGS)	BRESSLER, RUBIN ARIZONA U OF TUSCON, ARIZ	HEW-NIH CONTRACT HD-12301	FY 71 FUNDS \$ 71,432 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 71,432
440	EVALUATION OF AN ORAL CHEMICAL CONTRACEPTIVE AGENT (HUMANS)	BUTTRAM, VEASY C B JR BAYLOR U HOUSTON, TEX	HEW-NIH CONTRACT HD-12303	FY 71 FUNDS \$ 61,040 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 61,040
441	OXYGENATIVE CATABOLISM OF CONTRACEPTIVE STEROIDS (RATS)	CHEN, CHIADO NORTHWESTERN U EVANSTON, ILL	HEW-NIH GRANT HD-04954	FY 71 FUNDS \$ 25,018 PROJ PERIOD 7/70- 6/73 TOT PROJECT \$ 65,686
442	EXPERIMENTAL STUDIES ON CARCINOGENESIS, ENDOCRINE FACTORS AND CYTOGENETIC CHARACTERS (RODENTS)	CHU, ELIZABETH W DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL CA-00854	FY 71 FUNDS \$ 40,000
443	EFFECT OF STEROIDS ON COAGULATION FACTOR ACTIVITIES (INCLUDES STEROIDS PRESENT IN ORAL CONTRACEPTIVES)	COLE, EDMOND R RUSH-PRESBYTERIAN-ST LUKES MED CTR CHICAGO, ILL	HEW-NIH GRANT HE-12705	FY 71 FUNDS \$ 24,433 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 70,618

444	EFFECT OF ORAL CONTRACEPTIVES ON RENIN AND ALDOSTERONE (HUMANS) CRANE, MILTON G LOMA LINDA U LOMA LINDA, CALIF	HEW-NIH CONTRACT HD-12283	FY 71 FUNDS \$ 62,591 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 62,591
445	INTERNATIONAL CONFERENCE ON REPORTING ADVERSE REACTIONS DUNHAM, CHARLES L NATIONAL ACAD OF SCIENCES WASHINGTON, D C	HEW-NIH CONTRACT HD-40044	FY 71 FUNDS \$ 6,000 PROJ PERIOD 11/70- 4/71 TOT PROJECT \$ 6,000
446	EFFECTS OF CONTRACEPTIVE AGENTS ON BLOOD COAGULATION (HUMANS) FLETCHER, ANTONY P WASHINGTON U ST LOUIS, MO	HEW-NIH CONTRACT HD-12302	FY 71 FUNDS \$ 107,145 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 107,145
447	DIFFERENTIAL EFFECTS OF CONTRACEPTIVE AGENTS (HUMANS) GERSHBERG, HERBERT NEW YORK U NEW YORK, N Y	HEW-NIH CONTRACT HD-12304	FY 71 FUNDS \$ 68,640 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 68,640
448	PROGESTINS, TRIGLYCERIDE, AND LIPOPROTEIN LIPASE (EFFECTS OF PROGESTATIONAL COMPOUNDS ON HUMANS) GLUECK, CHARLES J CINCINNATI, U OF CINCINNATI, OHIO	HEW-NIH GRANT HD-04851	FY 71 FUNDS \$ 13,753 PROJ PERIOD 5/70- 4/73 TOT PROJECT \$ 36,940
449	RESEARCH ON THE SAFETY OF CONTRACEPTIVE STEROIDS (IN THE U.S. AND MEXICO CITY) GOLDZIEHER, JOSEPH W SOUTHWEST FDN FOR RESEARCH & EDUC SAN ANTONIO, TEX	AID-TA CONTRACT 93117577521	FY 71 FUNDS \$ -- PROJ PERIOD 6/70- 6/73 TOT PROJECT \$ 913,000
450	TESTING FOR POSSIBLE CARCINOGENIC ACTION OF ENOVID IN MICE HESTON, WALTER E DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL CA-03251	FY 71 FUNDS \$ 27,500
451	COLLABORATIVE STUDY OF ORAL CONTRACEPTION (HUMANS) HEYMAN, ALBERT DUKE U DURHAM, N C	HEW-NIH CONTRACT HD-92250	FY 71 FUNDS \$ 5,263 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 245,759
452	STEROID HORMONE EFFECTS ON FIBRINOGEN SYNTHESIS (INCLUDES ORAL CONTRACEPTIVES) LEVERE, RICHARD D NEW YORK, STATE U OF NEW YORK, N Y	HEW-NIH GRANT HE-HD-13767	FY 71 FUNDS \$ 41,453 PROJ PERIOD 2/71- 1/74 TOT PROJECT \$ 107,883
453	CHROMOSOMAL BREAKS IN WOMEN USING ORAL CONTRACEPTIVES LITTLEFIELD, GAYLE U S ATOMIC ENERGY COMMISSION OAK RIDGE, TENN	HEW-NIH CONTRACT HD-00011	FY 71 FUNDS \$ 60,612 PROJ PERIOD 7/68- 6/71 TOT PROJECT \$ 136,702
454	THROMBOGENIC POTENTIAL AND ORAL CONTRACEPTIVES (MONKEYS) LOEB, WALTER F BIONETICS RESEARCH LABORATORIES INC BETHESDA, MD	HEW-NIH CONTRACT FD-12298	FY 71 FUNDS \$ 116,690 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 116,690

455	METABOLISM AND EFFECTS OF STEROIDAL ORAL CONTRACEPTIVES (HUMANS) MAHESH, VIRENDRA B GEORGIA, MEDICAL COLL OF AUGUSTA, GA	HEW-NIH CONTRACT HD-12297	FY 71 FUNDS \$ 30,000 PROJ PERIOD 6/71- 5/72 TOT PROJECT \$ 30,000
456	DATA ON CERVICAL CYTOLOGY (EFFECTS OF ORAL CONTRACEPTIVES) NAIB, ZUHAR EMORY U ATLANTA, GA	HEW-HSM CONTRACT CDC21-71-517	FY 71 FUNDS \$ 8,472 PROJ PERIOD 5/71- 4/72 TOT PROJECT \$ 8,472
457	STUDY OF DEVELOPMENT OF CANCER---UTILIZING A FAMILY PLANNING FACILITY (RISKS OF CONTRACEPTIVE DRUG USAGE) NEWELL, GUY R TULANE U NEW ORLEANS, LA	HEW-NIH CONTRACT CA-71-2428	FY 71 FUNDS \$ 52,002 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 52,002
458	ORAL CONTRACEPTIVES AND TUMORS OF THE BREAST (HUMANS) PAFFENBARGER, RALPH S JR CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH CONTRACT HD-02185	FY 71 FUNDS \$ 74,506 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 135,386
459	CONDUCT A CONTRACEPTIVE DRUG STUDY (HUMANS) PELLEGRIN, FREDERICK A KAISER FDN HOSPITALS OAKLAND, CALIF	HEW-NIHH CONTRACT HD-71346	FY 71 FUNDS \$ 1,300,058 PROJ PERIOD 6/67- 2/72 TOT PROJECT \$ 3,310,000
460	EPIDEMIOLOGIC STUDY OF BREAST CANCER AND BENIGN BREAST LESIONS IN RELATION TO THE USE OF OVARIAN HORMONES RAVNIHAR, BOZENA LJUBLJANA, U OF LJUBLJANA, YUGOSLAVIA	HEW-NIH PL-480 HD-02-044-1	FY 71 FUNDS \$ 34,964 PROJ PERIOD 12/71-12/74 TOT PROJECT \$ 34,964
461	A STUDY OF HORMONAL INFLUENCES ON MEIOSIS IN MALE AND FEMALE ANIMALS (DOGS) RUNYAN, JOHN W JR VETERANS ADMINISTRATION HOSP MEMPHIS, TENN	VA-DMS INTRAMURAL ZO-27184	FY 71 FUNDS \$ NA
462	STEROID CONTRACEPTIVE DOSE-RESPONSE RELATIONSHIPS (HUMANS) SCHALCH, DON S ROCHESTER, U OF ROCHESTER, N Y	HEW-NIH CONTRACT HD-12295	FY 71 FUNDS \$ 19,660 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 19,660
463	CARCINOGENESIS BY RADIATION PLUS ESTROGEN (RATS) SEGALOPP, ALBERT ALTON OCHSNER MEDICAL FDN NEW ORLEANS, LA	HEW-NIH CONTRACT CA-71-2131	FY 71 FUNDS \$ 74,150 PROJ PERIOD 5/71- 5/72 TOT PROJECT \$ 74,150
464	STUDIES OF THE INSULIN SECRETING PROPERTIES OF VARIOUS AGENTS (DOGS) SELTZER, H S VETERANS ADMINISTRATION HOSP DALLAS, TEX	VA-DMS INTRAMURAL ZO-10323	FY 71 FUNDS \$ NA
465	DRUG STUDIES IN NORMAL FEMALES AND SENIOR CITIZENS SHADER, RICHARD I MASS STATE DEPT OF MENTAL HEALTH BOSTON, MASS	HEW-HSM GRANT MH-12279	FY 71 FUNDS \$ 82,878 PROJ PERIOD 6/69- 5/76 TOT PROJECT \$ 494,067

466	HORMONAL CONTROL OF ZINC METABOLISM (EFFECTS OF ORAL CONTRACEPTIVES IN RATS) SMITH, J C VETERANS ADMINISTRATION HOSP WASHINGTON, D C	VA-DMS INTRAMURAL ZO-28587	FY 71 FUNDS \$ NA
467	STUDY OF CERVICAL CYTOLOGY IN CONTRACEPTIVE USERS SPECTOR, AARON J TEMPLE U PHILADELPHIA, PA	HEW-NIH CONTRACT HD-12299	FY 71 FUNDS \$ 730,601 PROJ PERIOD 6/71-11/71 TOT PROJECT \$ 730,601
468	CLOTTING IN PLASTIC TUBES, A LABORATORY WAY OF DETECTING SUSCEPTIBILITY TO THROMBOEMBOLISM (HUMANS) STAUB, R T VETERANS ADMINISTRATION HOSP NEW ORLEANS, LA	VA-DMS INTRAMURAL ZO-27062	FY 71 FUNDS \$ NA
469	STEROID CONTRACEPTION AND CERVICAL DYSPLASIA (HUMANS) STERN, ELIZABETH CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH CONTRACT HD-71389	FY 71 FUNDS \$ 41,950 PROJ PERIOD 6/67- 9/71 TOT PROJECT \$ 431,894
470	RELATIONSHIP OF THROMBOEMBOLISM AND ORAL CONTRACEPTIVES (HUMANS) STOLLEY, PAUL D JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH CONTRACT HD-12296	FY 71 FUNDS \$ 99,691 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 99,691
471	FOLIC ACID ABSORPTION AND TRANSPORT (EFFECTS OF ORAL CONTRACEPTIVES IN VARIOUS ORGANISMS) STREIFF, R VETERANS ADMINISTRATION HOSP GAINESVILLE, FLA	VA-DMS INTRAMURAL ZO-27855	FY 71 FUNDS \$ NA
472	METABOLIC EFFECTS OF STEROIDAL ORAL CONTRACEPTIVES (HUMANS, MAMMALS) WILLIAMS, KENNETH I WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH CONTRACT HD-12294	FY 71 FUNDS \$ 127,134 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 127,134
473	STUDY METABOLIC EFFECTS OF ORAL CONTRACEPTIVES (HUMANS) WYNN, VICTOR LONDON, U OF LONDON, ENGLAND	HEW-NIH CONTRACT HD-71344	FY 71 FUNDS \$ 14,808 PROJ PERIOD 6/67- 6/71 TOT PROJECT \$ 186,428

INTRAUTERINE DEVICES

474	HORMONE-RELEASING INTRAUTERINE DEVICES (RATS, RABBITS) CLEWE, THOMAS H TULANE U NEW ORLEANS, LA	HEW-NIH GRANT HD-04019	FY 71 FUNDS \$ 27,644 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 88,267
475	PHYSIOLOGICAL REACTIONS TO IUDS IN ANIMALS HAWK, HAROLD W USDA AGRICULTURAL RESEARCH SERVICE BELTSVILLE, MD	HEW-NIH CONTRACT HD-00001	FY 71 FUNDS \$ 72,808 PROJ PERIOD 1/65- 6/71 TOT PROJECT \$ 541,158

476	MEDICAL CORRELATES OF THE USE OF THE INTRAUTERINE DEVICE IN TAIWAN PENG, J Y MICHIGAN, U OF ANN ARBOR, MICH	AID-TA GRANT 93111570923D	FY 71 FUNDS \$ 12,019 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 12,019
477	DEVELOPMENT OF IMPROVED INTRAUTERINE CONTRACEPTIVE DEVICES (HUMANS AND LABORATORY ANIMALS) WHEELER, ROBERT G BATTELLE MEMORIAL INST RICHLAND, WASH	AID-TA CONTRACT 93117570527	FY 71 FUNDS \$ 495,000 PROJ PERIOD 6/70- 6/73 TOT PROJECT \$ 645,000

CONTRACEPTIVES, GENERAL OR MULTIPLE

478	THE EFFECTS OF CONTRACEPTIVES ON THE MENSTRUAL CYCLE AND ON HEALTH TRELOAR, ALAN E DEPT OF HLTH, EDUC, & WELFARE BETHESDA, MD	HEW-NIH INTRAMURAL HD-RP6 (9) (C,	FY 71 FUNDS \$ 17,000
-----	--	---	-----------------------

STERILIZATION

479	RESEARCH ON REVERSIBLE STERILIZATION (GUINEA PIGS, FIGS, COWS) HULKA, J F NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA CONTRACT 93117580498	FY 71 FUNDS \$ 134,780 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 213,780
-----	--	-----------------------------------	--

INDUCED ABORTION

480	COMPARISON OF THE MEDICAL EFFECTS OF INDUCED ABORTION BY TWO METHODS, CURETTAGE AND SUCTION NOVAK, FRANC UNIV TEACHING HOSP OF OB-GYN LJUBLJANA, YUGOSLAVIA	HEW-NIH PL-480 HD-02-039-1	FY 71 FUNDS \$ 249,735 PROJ PERIOD 12/70-11/73 TOT PROJECT \$ 249,735
-----	---	----------------------------------	---

ANIMAL BEHAVIOR AND ECOLOGY

ANIMAL REPRODUCTIVE BEHAVIOR

481	BIO-PSYCHOLOGICAL ASPECTS OF SEX, CYCLICITY AND AROUSAL (RATS) ADLER, NORMAN T PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH GRANT HD-04522	FY 71 FUNDS \$ 26,377 PROJ PERIOD 9/69- 8/72 TOT PROJECT \$ 76,610
482	EARLY EXPERIENCE AND DEVELOPMENT OF BEHAVIOR (SEXUAL BEHAVIOR IN RATS) ARNOLD, WILLIAM J NEBRASKA, U OF LINCOLN, NEBR	HEW-HSM GRANT MH-17377	FY 71 FUNDS \$ 33,746 PROJ PERIOD 9/69- 8/71 TOT PROJECT \$ 68,907
483	BEHAVIORAL EFFECTS OF SELECTED DENERVATION (CATS) ARONSON, LESTER R AMERICAN MUSEUM OF NATURAL HISTORY NEW YORK, N Y	HEW-NIH GRANT HD-00348	FY 71 FUNDS \$ 28,562 PROJ PERIOD 9/63- 8/74 TOT PROJECT \$ 252,959
484	ENDOCRINE AND NEURAL BASES OF BEHAVIOR (CHICKENS, RATS) BARFIELD, RONALD J RUTGERS, THE STATE U NEW BRUNSWICK, N J	HEW-NIH GRANT HD-04484	FY 71 FUNDS \$ 16,666 PROJ PERIOD 11/69-10/72 TOT PROJECT \$ 46,296
485	DETERMINANTS OF SPECIES-SPECIFIC BEHAVIOR (REPRODUCTIVE BEHAVIOR IN MULTIPLE ORGANISMS) BEACH, FRANK A CALIFORNIA, U OF BERKELEY, CALIF	HEW-HSM GRANT MH-04000	FY 71 FUNDS \$ 80,794 PROJ PERIOD 4/60- 3/72 TOT PROJECT \$ 769,974
486	EXPERIMENTAL ANALYSIS OF THE BEHAVIOR OF A VARIETY OF MAMMALS (SEXUAL BEHAVIOR IN RODENTS) DEWSBURY, DONALD A FLORIDA, U OF GAINESVILLE, FLA	NSF-BMS GRANT GB-28554	FY 71 FUNDS \$ 22,700 PROJ PERIOD 7/71- 7/72 TOT PROJECT \$ 22,700
487	ENDOCRINE FACTORS IN THE SOCIAL BEHAVIOR OF ANIMALS (DOVES) ERICKSON, CARL J DUKE U DURHAM, N C	HEW-NIH GRANT HD-04482	FY 71 FUNDS \$ 26,732 PROJ PERIOD 11/69-10/72 TOT PROJECT \$ 72,054
488	HORMONAL & NEURAL CORRELATES OF REPRODUCTIVE BEHAVIOR (RATS, GUINEA PIGS, RABBITS) GERALL, ARNOLD A TULANE U NEW ORLEANS, LA	HEW-NIH GRANT HD-00867	FY 71 FUNDS \$ 84,221 PROJ PERIOD 1/64- 5/73 TOT PROJECT \$ 552,109

489	ENDOCRINOLOGICAL DETERMINANTS OF BEHAVIOR (SEXUAL BEHAVIOR IN MAMMALS AND PRIMATES) GOY, ROBERT W MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	HEW-HSM GRANT MH-08634	FY 71 FUNDS \$ 105,540 PROJ PERIOD 6/65- 8/73 TOT PROJECT \$ 324,587
490	PSYCHOBIOLOGICAL STUDIES OF BEHAVIOR (REPRODUCTIVE AND PARENTAL BEHAVIOR IN DOVES) LEHRMAN, DANIEL S RUTGERS, THE STATE U NEW BRUNSWICK, N J	HEW-HSM GRANT MH-02271	FY 71 FUNDS \$ 335,788 PROJ PERIOD 6/58- 5/77 TOT PROJECT \$ 3,400,649
491	ANNUAL REPRODUCTIVE CYCLES IN LIZARDS LICHT, PAUL CALIFORNIA, U OF BERKELEY, CALIF	NSF-BMS GRANT GB-22642	FY 71 FUNDS \$ 61,000 PROJ PERIOD 8/70- 7/72 TOT PROJECT \$ 61,000
492	GENE ACTION, ONTOGENY AND BEHAVIOR (REPRODUCTIVE BEHAVIOR IN MICE AND GERBILS) LINDZEY, GARDNER TEXAS, U OF AUSTIN, TEX	HEW-HSM GRANT MH-14076	FY 71 FUNDS \$ 36,096 PROJ PERIOD 9/67- 8/72 TOT PROJECT \$ 171,382
493	REPRODUCTIVE BEHAVIOR - FACILITATION AND INHIBITION (RODENTS) LISK, ROBERT D PRINCETON U PRINCETON, N J	HEW-NIH GRANT HD-02615	FY 71 FUNDS \$ 39,928 PROJ PERIOD 1/67-12/71 TOT PROJECT \$ 175,150
494	ENDOCRINE CONTROL OF SEXUAL BEHAVIOR (INVERTEBRATES) LOHER, WERNER J CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH GRANT HD-03619	FY 71 FUNDS \$ 15,763 PROJ PERIOD 6/68- 3/72 TOT PROJECT \$ 60,350
495	EXPERIENTIAL FACTORS IN PREGNANCY-BLOCK (MICE) LOTT, DALE F CALIFORNIA, U OF DAVIS, CALIF	HEW-NIH GRANT HD-03209	FY 71 FUNDS \$ 16,509 PROJ PERIOD 11/68-10/71 TOT PROJECT \$ 47,508
496	THE GENETICS AND PHYSIOLOGY OF BEHAVIORAL DIFFERENCES (SEX BEHAVIOR IN MICE) MCGILL, THOMAS E WILLIAMS COLL WILLIAMSTOWN, MASS	HEW-NIH GRANT GM-07495	FY 71 FUNDS \$ 29,676 PROJ PERIOD 10/60-12/73 TOT PROJECT \$ 207,884
497	PHYSIOLOGY AND BEHAVIOR IN THE DOMESTIC CHICK (SEX BEHAVIOR) MEYER, CORNELIUS C QUINNIPIAC COLL HAMDEN, CONN	HEW-HSM GRANT MH-17384	FY 71 FUNDS \$ 14,550 PROJ PERIOD 3/70- 2/73 TOT PROJECT \$ 43,550
498	SEX BEHAVIOR AND CENTRAL NERVOUS ACTION OF HORMONES (RATS, HAMSTERS, CATS) MEYERSON, BENGT UPPSALA, U OF UPPSALA, SWEDEN	HEW-NIH GRANT HD-04108	FY 71 FUNDS \$ 28,789 PROJ PERIOD 6/69- 12/72 TOT PROJECT \$ 88,689
499	NEUROLOGY OF AFFECTIVE BEHAVIOR (IN RHESUS MONKEYS, OPOSSUMS, MONGOOSES) MYERS, RONALD E NATIONAL INST OF HEALTH BETHESDA, MD	HEW-NIH INTRAMURAL NS(I) 1825	FY 71 FUNDS \$ NA

500	BRAIN MECHANISMS OF REPRODUCTIVE BEHAVIOR (RODENTS) PFAFF, DONALD W ROCKEFELLER U NEW YORK, N Y	HEW-NIH GRANT HD-05751	FY 71 FUNDS \$ 32,640 PROJ PERIOD 5/71- 4/74 TOT PROJECT \$ 84,895
501	BEHAVIORAL NEUROENDOCRINOLOGY: CHEMICAL CORRELATES (SEX BEHAVIOR IN RATS) ROBINS, ELI WASHINGTON U ST. LOUIS, MO	HEW-HSM GRANT MH-19624	FY 71 FUNDS \$ 60,922 PROJ PERIOD 3/71- 2/74 TOT PROJECT \$ 146,262
502	OLFACTORY INPUT TO THE HYPOTHALAMUS AND MOTIVATION (SEXUAL BEHAVIOR IN RATS) SCOTT, JOHN W EMORY U ATLANTA, GA	HEW-HSM GRANT MH-19374	FY 71 FUNDS \$ 6,744 PROJ PERIOD 1/71-12/71 TOT PROJECT \$ 6,744
503	ANDROSTENEDIONE AND BEHAVIOR (SEXUAL BEHAVIOR IN HAMSTERS) TIEFER, LEONORE COLORADO STATE U FORT COLLINS, COLO	HEW-HSM GRANT MH-19450	FY 71 FUNDS \$ 6,714 PROJ PERIOD 1/71-12/71 TOT PROJECT \$ 6,714
504	BEHAVIORAL AND ENDOCRINE COORDINATION IN MAMMALS (MONKEYS) VANDENBERGH, JOHN G NORTH CAROLINA STATE DEPT MENT HLTH RALEIGH, N C	HEW-HSM GRANT MH-19837	FY 71 FUNDS \$ 23,126 PROJ PERIOD 5/71- 4/74 TOT PROJECT \$ 61,820
505	BEHAVIORAL AND ENDOCRINE COORDINATION IN MAMMALS (SEX BEHAVIOR IN MICE AND MONKEYS) VANDENBERGH, JOHN G N C FDN FOR MENTAL HEALTH RALEIGH, N C	HEW-HSM GRANT MH-16870	FY 71 FUNDS \$ 9,256 PROJ PERIOD 5/69- 4/72 TOT PROJECT \$ 25,156
506	EFFECTS OF PREPUBERAL STRESS ON ADULT SEXUAL BEHAVIOR (RATS) WARD, INGEBORG L VILLANOVA U VILLANOVA, PA	HEW-NIH GRANT HD-04688	FY 71 FUNDS \$ 24,345 PROJ PERIOD 1/70-12/71 TOT PROJECT \$ 47,138
507	EFFECTS OF HORMONES ON BEHAVIOR (RATS) WHALEN, RICHARD E CALIFORNIA, U OF IRVINE, CALIF	HEW-NIH GRANT HD-00893	FY 71 FUNDS \$ 32,010 PROJ PERIOD 6/64- 5/73 TOT PROJECT \$ 251,086
508	SOCIAL BEHAVIOR IN PRIMATES (SEXUAL AND DOMINANCE BEHAVIOR) WHALEN, RICHARD E CALIFORNIA, U OF IRVINE, CALIF	HEW-HSM GRANT MH-19244	FY 71 FUNDS \$ 5,440 PROJ PERIOD 1/71-12/71 TOT PROJECT \$ 5,440
509	BEHAVIOR, HORMONES AND BRAIN FUNCTION (RATS, GUINEA PIGS, HAMSTERS) ZUCKER, IRVING CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH GRANT HD-02982	FY 71 FUNDS \$ 27,940 PROJ PERIOD 5/67- 4/75 TOT PROJECT \$ 214,843

ANIMAL POPULATION ECOLOGY

510	HORMONAL DYNAMICS AND ANIMAL NUMBERS (SQUIRRELS) ADAMS, LOWELL CALIFORNIA, U OF SAN FRANCISCO, CALIF	HEW-NIH GRANT GM-11993	FY 71 FUNDS \$ 51,027 PROJ PERIOD 6/64- 5/72 TOT PROJECT \$ 335,926
511	SELECTION IN NATURAL AND EXPERIMENTAL POPULATIONS (INVERTEBRATES) ANDERSON, WYATT W YALE U NEW HAVEN, CONN	HEW-NIH GRANT HD-05055	FY 71 FUNDS \$ 31,393 PROJ PERIOD 6/70- 5/73 TOT PROJECT \$ 98,356
512	BEHAVIORAL REGULATION OF SPERMOPHILUS POPULATION GROWTH BALPH, DAVID F UTAH STATE U LOGAN, UTAH	NSF-BMS GRANT GB-27515	FY 71 FUNDS \$ 23,200 PROJ PERIOD 2/71- 1/72 TOT PROJECT \$ 23,200
513	POPULATION, SPACE AND MENTAL HEALTH (MICE) CALHOUN, JOHN B DEPT OF HLTH, EDUC, & WELFARE POOLESVILLE, MD	HEW-HSM INTRAMURAL MH-P-C-C-38	FY 71 FUNDS \$ 120,000
514	BEHAVIOR INITIATED PREGNANCY MECHANISMS (RODENTS) DIAMOND, MILTON HAWAII, U OF HONOLULU, HAWAII	HEW-NIH GRANT HD-05179	FY 71 FUNDS \$ 38,212 PROJ PERIOD 9/70- 8/73 TOT PROJECT \$ 106,193
515	DISRUPTED MATERNAL BEHAVIOR AND CROWDING (MICE) FRIEDMAN, HERBERT WILLIAM AND MARY, COLL OF WILLIAMSBURG, VA	HEW-HSM GRANT MH-18872	FY 71 FUNDS \$ 6,126 PROJ PERIOD 6/70- 9/71 TOT PROJECT \$ 6,126
516	BEHAVIORAL ANTECEDENTS AND CONSEQUENCES OF CROWDING (MULTIPLE ORGANISMS) GREGOR, GARY L UTAH, U OF SALT LAKE CITY, UTAH	HEW-NIH GRANT HD-05026	FY 71 FUNDS \$ 52,585 PROJ PERIOD 7/70- 6/73 TOT PROJECT \$ 117,569
517	A STUDY OF ENERGY FLOW AND MINERAL CYCLING IN NATURAL POPULATIONS OF THE OLD-FIELD MOUSE SMITH, MICHAEL H GEORGIA, U OF ATHENS, GA	AEC-BM CONTRACT AT (38-1) 310	FY 71 FUNDS \$ 12,000 PROJ PERIOD 6/69- 5/72 TOT PROJECT \$ 36,000
518	POPULATION CONTROL, BEHAVIOR & REPRODUCTIVE INHIBITION (MICE) TERMAN, C RICHARD WILLIAM AND MARY, COLL OF WILLIAMSBURG, VA	HEW-NIH GRANT HD-04787	FY 71 FUNDS \$ 23,676 PROJ PERIOD 1/70-12/72 TOT PROJECT \$ 71,318

SOCIAL AND BEHAVIORAL SCIENCES

DEMOGRAPHY AND SOCIOLOGY

POPULATION GROWTH OR CHANGE

519	SOCIO-ECONOMIC EFFECTS OF DIFFERENT RATES OF POPULATION GROWTH AYALA, FERNANDO CTR FOR STUDY SOCIO-ECON DEVELOPMT ASUNCION, PARAGUAY	AID-PARAGUAY CONTRACT 52611580085D	FY 71 FUNDS \$ -- PROJ PERIOD 6/70-12/71 TOT PROJECT \$ 9,000
520	DOCTORAL DISSERTATION RESEARCH IN HISTORICAL DEMOGRAPHY BAILYN, BERNARD HARVARD U CAMBRIDGE, MASS	NSF-SOC GRANT GS-03210	FY 71 FUNDS \$ 2,000 PROJ PERIOD 9/70- 9/71 TOT PROJECT \$ 2,000
521	RATES AND CONSEQUENCES OF POPULATION CHANGE DOTSON, A BRUCE COLORADO STATE U FORT COLLINS, COLO	HEW-NIH CONTRACT HD-12214	FY 71 FUNDS \$ 85,480 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 85,480
522	COMPUTER SIMULATION OF GENETIC-DEMOGRAPHIC STRUCTURE DYKE, BENNETT PENNSYLVANIA STATE U UNIVERSITY PARK, PA	NSF-SOC GRANT GS-27382	FY 71 FUNDS \$ 40,700 PROJ PERIOD 1/71- 1/72 TOT PROJECT \$ 40,700
523	DETERMINANTS OF POPULATION GROWTH STUDY EASON, WARREN W OHIO STATE U COLUMBUS, OHIO	HEW-NIH CONTRACT HD-02191	FY 71 FUNDS \$ 107,155 PROJ PERIOD 6/70- 6/73 TOT PROJECT \$ 159,855
524	TEMPO ECONOMIC MODEL ESTREMADOYRO, JOSE E NATIONAL INST OF PLANNING LIMA, PERU	AID-PERU GRANT 52711570123A	FY 71 FUNDS \$ 60,000 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 60,000
525	THE BEHAVIORAL SCIENCES RELATED TO POPULATION HARRIS, BRITTON PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-NIH CONTRACT HD-12039	FY 71 FUNDS \$ 22,630 PROJ PERIOD 11/70-11/71 TOT PROJECT \$ 22,630
526	DEMOGRAPHIC RESEARCH (POPULATION PROJECTIONS PROJECT) HOSSAIN, MONAWAR DACCA, U OF DACCA, PAKISTAN	AID-PAKISTAN PL-480 39117780262	FY 71 FUNDS \$ -- PROJ PERIOD 4/70- 6/72 TOT PROJECT \$ 26,470

527	SOCIO ECONOMIC STUDY (EFFECT OF POPULATION GROWTH) IBARRA, ENRIQUE INST INTEGRAL & HARMONIC DEVELOPMT ASUNCION, PARAGUAY	AID-PARAGUAY GRANT 52611580085A	FY 71 FUNDS \$ -- PROJ PERIOD 4/70-12/72 TOT PROJECT \$ 53,000
528	ECONOMIC IMPLICATIONS OF POPULATION GROWTH (GE-TEMPO MODEL) ISKANDAR, N INDONESIA, U OF DJAKARTA, INDONESIA	AID-INDONESIA GRANT 49715580188B	FY 71 FUNDS \$ 12,000 PROJ PERIOD 10/70- 4/72 TOT PROJECT 12,000
529	MEASUREMENT METHODS FOR POPULATION CHANGE (HUMANS) LINDER, FORREST E NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-NIH GRANT HD-03441	FY 71 FUNDS \$ 32,984 PROJ PERIOD 5/68- 8/71 TOT PROJECT \$ 456,353
530	LABORATORIES FOR POPULATION STUDIES (IMPROVE INSTRUMENTS FOR MEASURING POPULATION CHANGE) LINDER, FORREST E NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA CONTRACT 93111570861	FY 71 FUNDS \$ NA PROJ PERIOD 6/69- 6/74 TOT PROJECT \$ 1,185,000
531	POPULATION GROWTH AND ECONOMIC DEVELOPMENT NEWMAN, PETER K JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH GRANT HD-05379	FY 71 FUNDS \$ 29,776 PROJ PERIOD 7/70- 6/73 TOT PROJECT \$ 83,437
532	COMPUTER SIMULATION OF POPULATION GROWTH (U.A.R.) SARHAN, AHMED E INST OF STAT STUDIES & RESEARCH CAIRO, UNITED ARAB REPUBLIC	HEW-HSM PL-480 NCHS-036602	FY 71 FUNDS \$ 97,549 PROJ PERIOD 1/71- 1/73 TOT PROJECT \$ 97,549
533	EVALUATION OF MULTIPLICITY TECHNIQUES IN DEMOGRAPHIC SURVEYS (ISRAEL) SCHMELZ, U O CENTRAL BUREAU OF STATISTICS JERUSALEM, ISRAEL	HEW-HSM PL-480 NCHS-066532	FY 71 FUNDS \$ 52,643 PROJ PERIOD 8/70- 8/72 TOT PROJECT \$ 52,643
534	NEW ESTIMATION TECHNIQUES FOR DEMOGRAPHIC ANALYSIS SHEPS, MINDEL C NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-NIH CONTRACT HD-02187	FY 71 FUNDS \$ 172,876 PROJ PERIOD 6/70- 6/73 TOT PROJECT \$ 248,455
535	DESIGN OF MULTIPLICITY SURVEYS TO ESTIMATE COMPONENTS OF POPULATION CHANGE SIRKEN, MONROE G DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00001	FY 71 FUNDS \$ 15,000
536	POPSIM-MICROSIMULATION MODEL OF POPULATION CHANGE SIRKEN, MONROE G DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00003	FY 71 FUNDS \$ 50,000
537	IMPACT OF POPULATION CHANGES UPON AGRICULTURE AND OTHER DEVELOPMENT PATTERNS IN TEXAS SKRABANEK, R L TEXAS A & M U COLLEGE STATION, TEX	USDA-CSRS GRANT TEX-1268	FY 71 FUNDS \$ 17,000 PROJ PERIOD 6/69- 6/71 TOT PROJECT \$ 102,578

538	COMMISSION ON POPULATION GROWTH AND THE AMERICAN FUTURE			
	WESTOFF, CHARLES F	POP COMMIS	FY 71 FUNDS \$	334,000
	COMM ON POP GROWTH & AMER FUTURE	GRANT	PROJ PERIOD	6/70- 3/72
	WASHINGTON, D C	COMMS-00001	TOT PROJECT \$	650,000

POPULATION CHARACTERISTICS AND DISTRIBUTION

539	COMPOSITION AND CHANGES IN FARM AND RURAL POPULATION			
	BEALE, CALVIN L	USDA-ERS	FY 71 FUNDS \$	50,000
	U S DEPARTMENT OF AGRICULTURE	INTRAMURAL		
	WASHINGTON, D C	ED1-1-54-00		
540	DOCTORAL DISSERTATION RESEARCH IN ECONOMICS (DEMOGRAPHIC & ECONOMIC PROBLEMS FACING THE LESS DEVELOPED COUNTRIES)			
	DURAND, JOHN D	NSF-SOC	FY 71 FUNDS \$	1,200
	PENNSYLVANIA, U OF	GRANT	PROJ PERIOD	4/71- 4/72
	PHILADELPHIA, PA	GS-28296	TOT PROJECT \$	1,200
541	DISTRIBUTION AND DIFFERENTIATION OF POPULATION IN CITIES			
	FARLEY, REYNOLDS	HEW-NIH	FY 71 FUNDS \$	110,936
	MICHIGAN, U OF	CONTRACT	PROJ PERIOD	6/71- 6/74
	ANN ARBOR, MICH	HD-12210	TOT PROJECT \$	110,936
542	DEMOGRAPHIC APPROACHES TO SOCIAL BEHAVIOR			
	HOWARD, ALAN	NSF-SOC	FY 71 FUNDS \$	75,800
	BERNICE P BISHOP MUSEUM	GRANT	PROJ PERIOD	10/70-10/72
	HONOLULU, HAWAII	GS-03199	TOT PROJECT \$	75,800
543	ECONOMIC AND POPULATION CHANGES			
	MENDELS, FRANKLIN F	HEW-NIH	FY 71 FUNDS \$	7,915
	CALIFORNIA, U OF	GRANT	PROJ PERIOD	3/71- 2/72
	LOS ANGELES, CALIF	HD-05586	TOT PROJECT \$	7,915
544	MIDDLE EAST SURVEY OF FAMILY PLANNING POLICIES AND DEMOGRAPHIC PATTERNS			
	OMRAN, ABDEL	AID-NESA	FY 71 FUNDS \$	29,000
	NORTH CAROLINA, U OF	GRANT	PROJ PERIOD	6/69- 6/72
	CHAPEL HILL, N C	29815995017A	TOT PROJECT \$	115,000
545	HUMAN TERRITORIALITY IN HOME AND NEIGHBORHOOD (LOWER CLASS URBAN)			
	SCHEFLEN, ALBERT E	HEW-HSM	FY 71 FUNDS \$	55,279
	BRONX STATE HOSP	GRANT	PROJ PERIOD	6/68- 8/73
	NEW YORK, N Y	MH-15977	TOT PROJECT \$	301,058
546	HUMAN TERRITORIALITY IN HOME AND NEIGHBORHOOD (NEW YORK CITY)			
	SCHEFLEN, ALBERT E	HEW-HSM	FY 71 FUNDS \$	20,424
	JEWISH FAMILY SERVICE	GRANT	PROJ PERIOD	9/69- 8/73
	NEW YORK, N Y	MH-18162	TOT PROJECT \$	85,590
547	THE RELATIONSHIP BETWEEN DEMOGRAPHIC AND ECONOMIC PHENOMENA IN HOUSEHOLDS OF BARODA (INDIA)			
	SIMMONS, GEORGE B	AID-TA	FY 71 FUNDS \$	17,522
	MICHIGAN, U OF	GRANT	PROJ PERIOD	6/71- 6/72
	ANN ARBOR, MICH	93111570923C	TOT PROJECT \$	17,522

548	DEMOGRAPHIC RESEARCH IN EAST PAKISTAN STOECKEL, JOHN PAKISTAN-SEATO CHOLERA RESEARCH LAB DACCA, PAKISTAN	HEW-NIH CONTRACT HD-12005	FY 71 FUNDS \$ 53,000 PROJ PERIOD 9/70-10/72 TOT PROJECT \$ 53,000
549	DEMOGRAPHIC RESEARCH ON THE CHINESE POPULATION TAEUBER, IRENE B PRINCETON U PRINCETON, N J	NSF-SOC GRANT GS-03194	FY 71 FUNDS \$ 85,900 PROJ PERIOD 9/70- 9/72 TOT PROJECT \$ 85,900
550	FERTILITY, MIGRATION AND POPULATION CHANGE IN THE U S TARUER, JAMES D GEORGIA, U OF ATHENS, GA	HEW-NIH CONTRACT HD-12143	FY 71 FUNDS \$ 81,781 PROJ PERIOD 4/71- 4/73 TOT PROJECT \$ 81,781
551	DEMOGRAPHIC STUDIES IN RURAL EAST PAKISTAN DACCA, U OF DACCA, PAKISTAN	AID-PAKISTAN PL-480 39117780365	FY 71 FUNDS \$ NA PROJ PERIOD 7/70- 6/74 TOT PROJECT \$ 117,647

FERTILITY

KAP studies and contraceptive practices

552	BLACK CONSCIOUSNESS AND FAMILY PLANNING DARITY, WILLIAM A MASSACHUSETTS, U OF AMHERST, MASS	HEW-NIH GRANT HD-05325	FY 71 FUNDS \$ 117,793 PROJ PERIOD 9/70- 8/72 TOT PROJECT \$ 170,715
553	STUDY OF PAPAL ENCYCLICAL "HUMANAE VITAE" (AFFECTS ON FAMILY PLANNING ATTITUDES AND PRACTICES) DUARTE, A N ACHA PARAGUAYAN CTR POPULATION STUDIES ASUNCION, PARAGUAY	AID-PARAGUAY GRANT 52611580085C	FY 71 FUNDS \$ 300 PROJ PERIOD 6/70- 7/71 TOT PROJECT \$ 1,800
554	WANTEDNESS OF PREGNANCY IN AN URBAN RENEWAL AREA HARRIS, JEAN L NATIONAL MEDICAL ASSN FDN WASHINGTON, D C	HEW-NIH GRANT HD-05484	FY 71 FUNDS \$ 83,517 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 156,022
555	A STUDY OF THE GROWTH OF MEXICAN-AMERICAN FAMILIES SABAGH, GEORGES CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-NIH CONTRACT HD-12215	FY 71 FUNDS \$ 71,811 PROJ PERIOD 6/71- 9/72 TOT PROJECT \$ 71,811
556	KAP STUDY SMITH, KARL JAMAICA NAT FAMILY PLANNING BOARD KINGSTON, JAMAICA	AID-JAMAICA GRANT 53211580030	FY 71 FUNDS \$ 44,000 PROJ PERIOD 10/71-11/72 TOT PROJECT \$ 44,000
557	PRE-ADULT FERTILITY AND FAMILY FORMATION STUDY 1970-74 ZELNIK, MELVIN JOHNS HOPKINS U BALTIMORE, MD	HEW-NIH GRANT HD-05255	FY 71 FUNDS \$ 392,051 PROJ PERIOD 9/70- 8/72 TOT PROJECT \$ 453,919

Out-of-wedlock births

558	EVALUATION OF ATLANTA ADOLESCENT PREGNANCY PROGRAM BARNES, JARVIS ATLANTA PUBLIC SCHOOLS ATLANTA, GA	HEW-HSM GRANT MC-R-130063	FY 71 FUNDS \$ 70,287 PROJ PERIOD 7/71- 6/73 TOT PROJECT \$ 100,287
559	ILLEGITIMACY - DEMOGRAPHIC AND SOCIOLOGIC STUDIES DAVIS, KINGSLEY CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH CONTRACT HD-02196	FY 71 FUNDS \$ 111,076 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ 198,045
560	THE CONSEQUENCES OF ADOLESCENT ILLEGITIMACY FURSTENBERG, FRANK P PENNSYLVANIA, U OF PHILADELPHIA, PA	HEW-HSM GRANT MC-R-420117	FY 71 FUNDS \$ 42,385 PROJ PERIOD 7/69- 6/73 TOT PROJECT \$ 111,033
561	CONTEXT AND CAUSES OF ILLEGITIMATE BIRTHS GIBBS, JAMES O EMORY U ATLANTA, GA	HEW-NIH GRANT HD-04603	FY 71 FUNDS \$ 9,380 PROJ PERIOD 11/69-10/71 TOT PROJECT \$ 22,066
562	RESOLUTIONS BY TEENAGE MOTHERS OF A STATUS DILEMMA WILTSE, KERMIT T CALIFORNIA, U OF BERKELEY, CALIF	HEW-HSM GRANT MH-15471	FY 71 FUNDS \$ 43,554 PROJ PERIOD 12/68-11/71 TOT PROJECT \$ 168,288

Induced abortion

563	SURVEILLANCE DATA FOR THE EPIDEMIOLOGY OF REPRODUCTIVE WASTAGE IN EARLY PREGNANCY (ABORTION PATIENTS) ANDERSON, GAIL V SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	HEW-HSM CONTRACT CDC21-70-518	FY 71 FUNDS \$ 13,685 PROJ PERIOD 6/70- 6/71 TOT PROJECT \$ 13,685
564	CORRELATES OF ABORTION SEEKING UNDER A PERMISSIVE LAW BUDNER, STANLEY FORDHAM U NEW YORK, N Y	HEW-NIH GRANT HD-05713	FY 71 FUNDS \$ 69,968 PROJ PERIOD 6/71- 5/74 TOT PROJECT \$ 150,308
565	REPEATED VOLUNTARY TERMINATIONS OF PREGNANCY IN NEW YORK CITY DAILY, EDWIN P NEW YORK CITY HEALTH DEPT NEW YORK, N Y	HEW-HSM GRANT MC-R-360105	FY 71 FUNDS \$ 15,000 PROJ PERIOD 7/71- 6/72 TOT PROJECT \$ 15,000
566	CROSS CULTURAL RESEARCH IN FERTILITY CONTROL BEHAVIOR (ABORTION) DAVID, HENRY P AMERICAN INST FOR RESEARCH SILVER SPRING, MD	AID-TA CONTRACT 93117580539	FY 71 FUNDS \$ 842,000 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 842,000

567	UNWANTED AND WANTED CHILDREN - A MATCHED CONTROL STUDY DAVID, HENRY P AMER INST RESEARCH BEHAVIORAL SCI SILVER SPRING, MD	HEW-NIH GRANT HD-05569	FY 71 FUNDS \$ 50,395 PROJ PERIOD 3/71- 2/73 TOT PROJECT \$ 95,995
568	SURVEILLANCE OF ABORTION AMONG LOW INCOME WOMEN IN THE ATLANTA AREA FREEMAN, MALCOM G EMORY U ATLANTA, GA	HEW-HSM CONTRACT CDC21-70-502	FY 71 FUNDS \$ 70,454 PROJ PERIOD 9/70- 9/71 TOT PROJECT \$ 70,454
569	EPIDEMIOLOGY OF OUTCOME OF PREGNANCY IN DIVERSE CULTURES IN SELECTED COUNTRIES (TAIWAN) HARPER, PAUL A JOHNS HOPKINS U BALTIMORE, MD	AID-TA CONTRACT 93117570496	FY 71 FUNDS \$ -- PROJ PERIOD 5/69- 5/72 TOT PROJECT \$ 194,000
570	EPIDEMIOLOGY OF MEDIAL AND PSYCHOSOCIAL FACTORS OF ABORTION MILLER, WARREN B STANFORD U STANFORD, CALIF	HEW-HSM CONTRACT CDC21-71-500	FY 71 FUNDS \$ 19,326 PROJ PERIOD 10/70-10/71 TOT PROJECT \$ 19,326
571	NATIONAL ABORTION STUDY MORALES, JULIO M INST STUDY OF HUMAN REPRODUCTION ASUNCION, PARAGUAY	AID-PARAGUAY GRANT 52611580085B	FY 71 FUNDS \$ 8,000 PROJ PERIOD 6/70- 6/73 TOT PROJECT \$ 28,000
572	THERAPEUTIC ABORTIONS: SPECIAL REFERENCE TO TEENAGERS OPPEL, WALLACE C JOHNS HOPKINS U BALTIMORE, MD	HEW-HSM GRANT HC-R-240042	FY 71 FUNDS \$ 37,050 PROJ PERIOD 7/69-12/72 TOT PROJECT \$ 107,148
573	A STUDY OF PHYSICIANS ATTITUDES TOWARD ABORTION SPECTOR, AARON J TEMPLE U PHILADELPHIA, PA	HEW-NIH CONTRACT HD-12142	FY 71 FUNDS \$ 208,053 PROJ PERIOD 6/71-12/72 TOT PROJECT \$ 208,053
574	SURVEILLANCE DATA FOR THE EPIDEMIOLOGY OF REPRODUCTIVE WASTAGE IN EARLY PREGNANCY (ABORTION PATIENTS) SWARTZ, DONALD P COLUMBIA U NEW YORK, N Y	HEW-HSM CONTRACT CDC21-70-517	FY 71 FUNDS \$ 10,625 PROJ PERIOD 6/70- 6/71 TOT PROJECT \$ 10,625

Fertility, general or multiple

575	PSYCHOLOGICAL INTERFERENCE WITH FERTILITY CONTROL ABERNATHY, VIRGINIA D HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-05595	FY 71 FUNDS \$ 23,164 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 28,571
576	STYLE OF LIFE AND HUMAN FERTILITY PATTERNS (DOMINICAN REPUBLIC) BELCHER, JOHN C GEORGIA, U OF ATHENS, GA	HEW-NIH GRANT HD-05775	FY 71 FUNDS \$ 32,800 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 53,750

577	THE DEMOGRAPHIC TRANSITION IN A CHANGING SOCIETY (YUGOSLAVIA) BREZNIK, DUSAN DEMOGRAPHIC RESEARCH CENTRE BELGRADE, YUGOSLAVIA	HEW-HSM PL-480 NCHS-026502	FY 71 FUNDS \$ 33,498 PROJ PERIOD 1/69- 1/73 TOT PROJECT \$ 336,819
578	ATTITUDINAL FACTORS AFFECTING FAMILY SIZE BROVERMAN, INGE K WORCESTER FDM FOR EXPTL BIOLOGY SHREWSBURY, MASS	HEW-NIH CONTRACT HD-12038	FY 71 FUNDS \$ 40,089 PROJ PERIOD 3/71- 2/72 TOT PROJECT \$ 40,089
579	AN ANALYSIS OF THE DECLINE OF FERTILITY IN EUROPE COALE, ANSLEY J PRINCETON U PRINCETON, N J	HEW-NIH CONTRACT HD-02077	FY 71 FUNDS \$ 87,160 PROJ PERIOD 3/70- 8/71 TOT PROJECT \$ 155,830
580	FERTILITY BEHAVIOR IN A TRI-RACIAL, LOW-INCOME COUNTY DAVIS, ADAM C NORTH CAROLINA STATE U AT RALEIGH RALEIGH, N C	HEW-NIH GRANT HD-05321	FY 71 FUNDS \$ 92,943 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 142,923
581	KAP STUDY OF PARENTS, TEACHERS, STUDENTS RE SEX EDUCATION DE STIGLICH, TERESA CTR POPULATION STUDY & DEVELOPMENT LIMA, PERU	AID-PERU GRANT 52711570123C	FY 71 FUNDS \$ 1,500 PROJ PERIOD 11/71-12/71 TOT PROJECT \$ 1,500
582	FERTILITY, BLOCKED MOBILITY AND THE STATUS OF WOMEN ECKLAND, BRUCE K NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-NIH GRANT HD-05776	FY 71 FUNDS \$ 33,398 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 55,825
583	FERTILITY AND FAMILY PLANNING IN TAIWAN FREEDMAN, RONALD MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH GRANT HD-03002	FY 71 FUNDS \$ 111,945 PROJ PERIOD 9/67- 8/71 TOT PROJECT \$ 409,472
584	URBANIZATION MIGRATION AND FERTILITY IN THAILAND GOLDSTEIN, SIDNEY BROWN U PROVIDENCE, R I	HEW-NIH CONTRACT HD-02190	FY 71 FUNDS \$ 92,475 PROJ PERIOD 6/70- 5/73 TOT PROJECT \$ 121,122
585	SOCIAL PSYCHOLOGICAL CORRELATES OF URBAN FERTILITY GROAT, H THEODORE BOWLING GREEN STATE U BOWLING GREEN, OHIO	HEW-NIH CONTRACT HD-12028	FY 71 FUNDS \$ 77,424 PROJ PERIOD 11/70-11/71 TOT PROJECT \$ 77,424
586	COLLECTION OF DATA ON FAMILY PLANNING ACTIVITIES IN THE ATLANTA AREA HATCHER, ROBERT A EMORY U ATLANTA, GA	HEW-HSM CONTRACT CDC21-69-507	FY 71 FUNDS \$ 26,062 PROJ PERIOD 6/70- 6/71 TOT PROJECT \$ 26,062
587	DETERMINANTS OF FAMILY PLANNING ATTITUDES AND PRACTICES (TAIWAN) HEER, DAVID M HARVARD U CAMBRIDGE, MASS	AID-TA CONTRACT 93117570497	FY 71 FUNDS \$ -- PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 106,000
588	PROCESS OF FAMILY FORMATION KAMMEYER, KENNETH C W KANSAS, U OF LAWRENCE, KANS	HEW-NIH CONTRACT HD-12213	FY 71 FUNDS \$ 44,000 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 44,000

589	SOCIO-ECONOMIC FACTORS IN THE REDUCTION OF NATALITY KIRK, DUDLEY STANFORD U STANFORD, CALIF	HEW-NIH CONTRACT HD-021d9	FY 71 FUNDS \$ 65,698 PROJ PERIOD 6/70- 5/72 TOT PROJECT \$ 126,600
590	WOMENS LABOR FORCE PARTICIPATION AND FERTILITY MASON, KAREN O RESEARCH TRIANGLE INST RESEARCH TRIANGLE PARK, N C	HEW-NIH CONTRACT HD-12212	FY 71 FUNDS \$ 109,692 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 109,692
591	HUMAN FERTILITY IN POLAND AND THE USSR MAZUR, PETER D WESTERN WASHINGTON STATE COLL BELLINGHAM, WASH.	HEW-NIH CONTRACT HD-12141	FY 71 FUNDS \$ 47,169 PROJ PERIOD 4/71- 4/73 TOT PROJECT \$ 47,169
592	ECONOMIC COST AND VALUE OF CHILDREN NAG, MONI COLUMBIA U NEW YORK, N Y	HEW-NIH CONTRACT HD-12209	FY 71 FUNDS \$ 215,320 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 215,320
593	FAMILY DECISION MAKING ON FERTILITY AND CHILDBEARING POPE, HALLOWELL IOWA, U OF IOWA CITY, IOWA	HEW-NIH GRANT HD-04948	FY 71 FUNDS \$ 42,660 PROJ PERIOD 9/70- 1/72 TOT PROJECT \$ 42,660
594	FIELD STUDY OF POPULATION PRESSURE IN INDIA REVELLE, ROGER HARVARD U BOSTON, MASS	HEW-NIH GRANT HD-03460	FY 71 FUNDS \$ 105,480 PROJ PERIOD 1/70-12/71 TOT PROJECT \$ 205,711
595	CORRELATES OF LOW FERTILITY IN A DEVELOPING COUNTRY SAFILIOS-ROTHSCHILD, C WAYNE STATE U DETROIT, MICH	HEW-NIH CONTRACT HD-12063	FY 71 FUNDS \$ 21,545 PROJ PERIOD 12/70-12/71 TOT PROJECT \$ 21,545
596	DETERMINANTS OF FERTILITY IN THE UNITED STATES SCHULTZ, T PAUL JR RAND CORPORATION SANTA MONICA, CALIF	HEW-NIH CONTRACT HD-12211	FY 71 FUNDS \$ 160,900 PROJ PERIOD 6/71-12/72 TOT PROJECT \$ 160,900
597	FERTILITY DETERMINANTS: A THEORETICAL INQUIRY FOR THE DESIGN AND EVALUATION OF POPULATION POLICY SCHULTZ, T PAUL JR RAND CORPORATION SANTA MONICA, CALIF	AID-TA CONTRACT 93117570517	FY 71 FUNDS \$ -- PROJ PERIOD 1/70- 1/73 TOT PROJECT \$ 327,000
598	DETERMINANTS OF HUMAN FERTILITY PATTERNS (PHILIPPINES, PUERTO RICO, EAST PAKISTAN, AND TAIWAN) SCHULTZ, T PAUL JR RAND CORPORATION SANTA MONICA, CALIF	AID-TA CONTRACT 93117570824	FY 71 FUNDS \$ -- PROJ PERIOD 6/68- 9/70 TOT PROJECT \$ 143,000
599	EXPLORATIONS IN FERTILITY VALUES TERHUNE, KENNETH W CORNELL AERONAUTICAL LAB INC BUFFALO, N Y	HEW-NIH CONTRACT HD-12241	FY 71 FUNDS \$ 139,916 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 139,916

600	SURVEY OF FERTILITY AND CONTRACEPTIVE PRACTICES WESTOFF, CHARLES F PRINCETON U PRINCETON, N J	HEW-NIH CONTRACT HD-51048	FY 71 FUNDS \$ 519,349 PROJ PERIOD 6/65- 8/71 TOT PROJECT \$ 1,216,378
601	INDIAN HEALTH AND POPULATION GROWTH WILLIAMS, JAMES H WISCONSIN STATE U EAU CLAIRE, WIS	HEW-NIH GRANT HD-05780	FY 71 FUNDS \$ 30,096 PROJ PERIOD 6/71- 5/72 TOT PROJECT \$ 30,096
602	PREGNANCIES, BIRTHS, FERTILITY AND SOCIO-ECONOMIC STATUS ZIMMER, B G BROWN U PROVIDENCE, R I	HEW-NIH CONTRACT HD-12011	FY 71 FUNDS \$ 48,469 PROJ PERIOD 11/70-10/72 TOT PROJECT \$ 48,469

MORTALITY

603	ANALYSIS OF COHORT MORTALITY MORIYAMA, I M DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00002	FY 71 FUNDS \$ 1,000
604	FACTORS IN INFANT MORTALITY (YUGOSLAVIA) VUKMANOVIC, CEDOMIR FEDERAL INST OF PUBLIC HEALTH BELGRADE, YUGOSLAVIA	HEW-HSM PL-480 NCHS-026512	FY 71 FUNDS \$ 35,058 PROJ PERIOD 5/64-12/71 TOT PROJECT \$ 355,007

MIGRATION

605	ANALYSIS OF MIGRATION FROM EASTERN KENTUCKY ANSCHER, KURT R KENTUCKY, U OF LEXINGTON, KY	HEW-NIH CONTRACT HD-02198	FY 71 FUNDS \$ 61,000 PROJ PERIOD 6/70- 3/72 TOT PROJECT \$ 132,600
606	URBAN EMIGRANTS IN RURAL SOCIAL CHANGE BATES, ROBERT H. CALIFORNIA INST OF TECHNOLOGY PASADENA, CALIF	HEW-NIH GRANT HD-05707	FY 71 FUNDS \$ 19,120 PROJ PERIOD 6/71- 5/72 TOT PROJECT \$ 19,120
607	MIGRATION OF THE FARM AND RURAL POPULATION BEALE, CALVIN L U S DEPARTMENT OF AGRICULTURE WASHINGTON, D C	USDA-ERS INTRAMURAL ED1-2-54-00	FY 71 FUNDS \$ 20,000
608	RURAL-URBAN MIGRATION AND ITS POVERTY DIMENSIONS BOWLES, GLADYS K GEORGIA, U OF ATHENS, GA	USDA-ERS GRANT ED1-2-11-01	FY 71 FUNDS \$ 40,000 PROJ PERIOD 6/68- 6/72 TOT PROJECT \$ 250,000

609	MIGRATION OF NEGROES TO THE SOUTH CAMPBELL, REX R MISSOURI, U OF COLUMBIA, MO	HEW-NIH GRANT HD-05852	FY 71 FUNDS \$ 30,681 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 50,521
610	DOCTORAL DISSERTATION RESEARCH IN GEOGRAPHY (EMIGRATION FROM AMERICAN SAMOA) CHAPMAN, MURRAY HAWAII, U OF HONOLULU, HAWAII	NSF-SOC GRANT GS-28995	FY 71 FUNDS \$ 4,900 PROJ PERIOD 5/71- 5/72 TOT PROJECT \$ 4,900
611	PSYCHOLOGICAL EFFECTS OF MIGRATION (INDIA TO ENGLAND) EAMES, EDWIN TEMPLE U PHILADELPHIA, PA	HEW-HSM GRANT MH-18799	FY 71 FUNDS \$ 6,677 PROJ PERIOD 6/70- 6/71 TOT PROJECT \$ 6,677
612	STUDY OF DEMOGRAPHIC CHARACTERISTICS AND EARNING CAPACITY OF MIGRANTS IN LATIN AMERICA FLINN, WILLIAM L WISCONSIN, U OF MADISON, WIS	AID-TA CONTRACT 93117570528	FY 71 FUNDS \$ 223,000 PROJ PERIOD NA TOT PROJECT \$ 223,000
613	MIGRATION, EMPLOYMENT & EARNINGS, 1957-1962 & 1962-1967 HIRSCHBERG, DAVID A US DEPT OF COMMERCE WASHINGTON, D C	HEW-NIH CONTRACT HD-00017	FY 71 FUNDS \$ 35,000 PROJ PERIOD 7/70- 6/71 TOT PROJECT \$ 35,000
614	BIOSOCIAL ADAPTATIONS OF MIGRANT AND URBAN POPULATIONS LEE, EVERETT S GEORGIA, U OF ATHENS, GA	NSF-BMS GRANT GB-26049	FY 71 FUNDS \$ 150,000 PROJ PERIOD 9/70- 9/72 TOT PROJECT \$ 150,000
615	SBS AND FAMILY FACTORS IN RESIDENTIAL MOBILITY LONG, LARRY H US DEPT OF COMMERCE-BUR OF CENSUS WASHINGTON, D C	HEW-NIH CONTRACT HD-00018	FY 71 FUNDS \$ 5,800 PROJ PERIOD 7/70- 6/71 TOT PROJECT \$ 5,800
616	A PROJECTIVE MIGRATION MODEL FOR POLICY ASSESSMENT MORRISON, PETER A RAND CORPORATION SANTA MONICA, CALIF	HEW-NIH GRANT HD-05426	FY 71 FUNDS \$ 46,137 PROJ PERIOD 6/71- 5/73 TOT PROJECT \$ 73,088
617	ECONOMIC CHANGE AND POPULATION RELOCATION PRED, ALLAN R CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH GRANT HD-05802	FY 71 FUNDS \$ 10,040 PROJ PERIOD 5/71- 4/74 TOT PROJECT \$ 20,568
618	MIGRATION SURVEY RIVAROLA, DOMINGO M PARAGUAYAN CTR SOCIOLOGICAL STUDIES ASUNCION, PARAGUAY	AID-PARAGUAY CONTRACT 52615580085Z	FY 71 FUNDS \$ 47,000 PROJ PERIOD 5/71-11/73 TOT PROJECT \$ 47,000
619	DOCTORAL DISSERTATION RESEARCH IN GEOGRAPHY (URBAN IMMIGRATION IN EUROPEAN RUSSIA 1861-1914) RODGERS, ALLAN L PENNSYLVANIA STATE U UNIVERSITY PARK, PA	NSF-SOC GRANT GS-29692	FY 71 FUNDS \$ 2,100 PROJ PERIOD 6/71- 9/72 TOT PROJECT \$ 2,100

620	THE EFFECTS OF POPULATION CHANGE AND MIGRATION UPON AGRICULTURE AND RURAL COMMUNITY LIFE SIZER, L M WEST VIRGINIA U MORGANTOWN, W VA	USDA-CSRS GRANT WVA-00186	FY 71 FUNDS \$ 18,055 PROJ PERIOD 9/64- 6/73 TOT PROJECT \$ 73,993
621	FAMILY STRUCTURE AS RELATED TO MIGRATION, OCCUPATION, AND SOCIAL PARTICIPATION WILKENSING, E A WISCONSIN, U OF MADISON, WIS	USA-CSRS GRANT WIS-01550	FY 71 FUNDS \$ 8,486 PROJ PERIOD 7/68- 6/71 TOT PROJECT \$ 45,692

MARRIAGE, DIVORCE, AND THE FAMILY

622	PSYCHOSOCIAL DYNAMICS - CHILDBEARING AND FAMILY PLANNING BERNARD, VIOLA W COLUMBIA U NEW YORK, N Y	HEW-HSM GRANT MH-16494	FY 71 FUNDS \$ 99,179 PROJ PERIOD 1/69- 8/72 TOT PROJECT \$ 285,813
623	MORAL JUDGMENT OF MARITAL STATUS AND FAMILY SIZE DRUCKER, EUGENE H HUMAN RESOURCES RESEARCH ORG PORT KNOX, KY	HEW-NIH CONTRACT HD-12140	FY 71 FUNDS \$ 32,000 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 32,000
624	FACTORS RELATIVE TO NUMBER OF CHILDREN DESIRED BY INDIAN YOUNG PEOPLE FOSTER, ASHLEY PORTLAND AREA INDIAN HEALTH SERVICE PORTLAND, OREG	HEW-HSM INTRAMURAL IHS-29963003	FY 71 FUNDS \$ 18,975
625	MARRIAGE, FERTILITY, AND CHILDSPACING GRABILL, WILSON H US DEPT OF COMMERCE-BUR OF CENSUS WASHINGTON, D C	HEW-NIH CONTRACT HD-00019	FY 71 FUNDS \$ 150,000 PROJ PERIOD 7/70- 6/71 TOT PROJECT \$ 150,000
626	THE KIN NETWORK AND POPULATION DYNAMICS HEER, DAVID M HARVARD U BOSTON, MASS	HEW-NIH CONTRACT HD-12037	FY 71 FUNDS \$ 17,124 PROJ PERIOD 1/71- 1/72 TOT PROJECT \$ 17,124
627	INVESTIGATIONS INTO SELECTIVE FAMILY PROCESSES WITH IMPLICATIONS FOR FAMILY PLANNING KLEIN, ROBERT E PAN AMERICA HEALTH ORG-INCAP GUATEMALA CITY, GUATEMALA	AID-GUATEMALA CONTRACT 52015580189	FY 71 FUNDS \$ 14,301 PROJ PERIOD 9/71- 8/72 TOT PROJECT \$ 14,301
628	CHANGES IN THE SEXUAL IDENTITY OF COLLEGE WOMEN LONG, JUDITH A ILLINOIS STATE DEPT MENTAL HEALTH CHICAGO, ILL	HEW-NIH CONTRACT HD-12033	FY 71 FUNDS \$ 37,749 PROJ PERIOD 11/70-11/71 TOT PROJECT \$ 37,749
629	A STUDY OF INTERRACIAL MARRIAGE AND DIVORCE MONAHAN, THOMAS P VILLANOVA U VILLANOVA, PA	HEW-NIH GRANT HD-05137	FY 71 FUNDS \$ 10,650 PROJ PERIOD 3/71- 2/74 TOT PROJECT \$ 28,960

630	MODERN AND TRADITIONAL IRAN (FAMILY STRUCTURE) PAYDARFAR, ALI A NORTH CAROLINA, U OF CHAPEL HILL, N C	NSF-SOC GRANT GS-27159	FY 71 FUNDS \$ 39,300 PROJ PERIOD 10/70-10/72 TOT PROJECT \$ 39,300
631	DEFINITIONS AND PERCEPTIONS OF MALE-FEMALE ROLES SCANZONI, JOHN INDIANA U BLOOMINGTON, IND	HEW-NIH CONTRACT HD-02192	FY 71 FUNDS \$ 37,120 PROJ PERIOD 6/70-12/72 TOT PROJECT \$ 244,380
632	MARITAL DISRUPTION AND THE FERTILITY OF REMARRIAGE SWEET, JAMES A WISCONSIN, U OF MADISON, WIS	HEW-NIH CONTRACT HD-02197	FY 71 FUNDS \$ 42,178 PROJ PERIOD 6/70-6/72 TOT PROJECT \$ 76,951
633	STUDY OF FAMILY SIZE AND FAMILY GROWTH VEKEMANS, ROGER LAT AMER CTR FOR STUDIES POP & FAM SANTIAGO, CHILE	AID-LA GRANT 59815570460	FY 71 FUNDS \$ 100,000 PROJ PERIOD 65-3/71 TOT PROJECT \$ 1,440,000
634	SURVEY OF RECENTLY MARRIED PERSONS IN NORTH CAROLINA WELLS, BRADLEY DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00008	FY 71 FUNDS \$ 10,000
635	MATING PATTERNS IN 7 LATIN AMERICAN CAPITAL CITIES YAUKEY, DAVID MASSACHUSETTS, U OF AMHERST, MASS	HEW-NIH CONTRACT HD-12029	FY 71 FUNDS \$ 16,094 PROJ PERIOD 11/70-11/71 TOT PROJECT \$ 16,094

POPULATION POLICY

636	POPULATION POLICY-RELATED ATTITUDES AND VALUES ALLEN, JAMES E NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-NIH CONTRACT HD-12031	FY 71 FUNDS \$ 29,821 PROJ PERIOD 11/70-11/71 TOT PROJECT \$ 29,821
637	SITUATION REPORTS ON POPULATION PROBLEMS, POLICIES, AND PROGRAMS BROWN, HARRISON CALIFORNIA INST OF TECHNOLOGY PASADENA, CALIF	AID-TA CONTRACT 93111570858	FY 71 FUNDS \$ NA PROJ PERIOD 6/69-6/72 TOT PROJECT \$ 1,214,000
638	A PILOT PROGRAM IN POPULATION POLICY ANALYSIS, DEVELOPMENT AND APPLICATION CLINTON, RICHARD NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA GRANT 93111570956E	71 FY FUNDS \$ 115,000 PROJ PERIOD 6/71-12/72 TOT PROJECT \$ 115,000
639	GOALS AND CONDITIONS OF POPULATION CONTROL DAVIS, KINGSLEY CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH GRANT HD-04602	FY 71 FUNDS \$ 77,160 PROJ PERIOD 11/69-10/74 TOT PROJECT \$ 337,652
640	STUDY OF THE PERUVIAN POPULATION FOR THE DESIGN OF A POPULATION POLICY DELGADO, CARLOS NATIONAL INST OF PLANNING LIMA, PERU	AID-PERU GRANT 52711570123E	FY 71 FUNDS \$ NA PROJ PERIOD 1/71-12/71 TOT PROJECT \$ 16,000

641	POPULATION/ECONOMIC GROWTH ANALYSIS AND PRESENTATION (FOR POLICY MAKERS IN DEVELOPING COUNTRIES) ENKE, STEPHEN GENERAL ELECTRIC CO - TEMPO SANTA BARBARA, CALIF	AID-TA CONTRACT 93111570016	FY 71 FUNDS \$ NA PROJ PERIOD 6/68- 3/75 TOT PROJECT \$ 735,000
642	BELIEFS AND VALUES ABOUT LIFE DURING DEVELOPMENT (STERILIZATION, ABORTION, CONTRACEPTION) KNUTSON, ANDIE CALIFORNIA, U OF BERKELEY, CALIF	HEW-HSM GRANT MH-19217	FY 71 FUNDS \$ 7,178 PROJ PERIOD 6/70- 6/71 TOT PROJECT \$ 7,178
643	COMMUNICATION AND BIRTH PLANNING NUNNALLY, JUM C VANDERBILT U NASHVILLE, TENN	HEW-NIH GRANT HD-05711	FY 71 FUNDS \$ 28,185 PROJ PERIOD 6/71- 5/72 TOT PROJECT \$ 28,185
644	EFFECT OF INCOME PAYMENTS ON NATALITY SIMON, JULIAN LINCOLN ILLINOIS, U OF URBANA, ILL	HEW-NIH CONTRACT HD-12034	FY 71 FUNDS \$ 34,843 PROJ PERIOD 12/70-12/71 TOT PROJECT \$ 34,843

DEMOGRAPHY AND SOCIOLOGY, GENERAL OR MULTIPLE

645	SUPPORT OF PUBLICATION OF POPULATION INDEX COALE, ANSLEY J PRINCETON U PRINCETON, N J	HEW-NIH CONTRACT HD-12138	FY 71 FUNDS \$ 98,288 PROJ PERIOD 5/71- 5/72 TOT PROJECT \$ 98,288
646	CONFERENCE ON RESEARCH AND THE 1970 CENSUS LEE, EVERETT S OAK RIDGE ASSOCIATED UNIVERSITIES OAK RIDGE, TENN	HEW-NIH CONTRACT HD-10620	FY 71 FUNDS \$ 9,770 PROJ PERIOD 2/71- 2/72 TOT PROJECT \$ 9,770
647	RESEARCH AND ANALYSIS OF POPULATION GROWTH IN LATIN AMERICA LININGER, CHARLES POPULATION COUNCIL, THE NEW YORK, N Y	AID-LA GRANT 59815570456	FY 71 FUNDS \$ 500,000 PROJ PERIOD 6/65- 6/72 TOT PROJECT \$ 1,800,000
648	THE DEVELOPMENT OF MODERNISM AND DEMOGRAPHIC CHANGE SCHNAIBERG, ALLAN NORTHWESTERN U EVANSTON, ILL	HEW-NIH GRANT HD-04997	FY 71 FUNDS \$ 4,939 PROJ PERIOD 6/70- 5/72 TOT PROJECT \$ 20,855
649	SIXTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS SCOTT, ELIZABETH L CALIFORNIA, U OF BERKELEY, CALIF	HEW-NIH GRANT HD-05266	FY 71 FUNDS \$ 34,182 PROJ PERIOD 7/70- 6/72 TOT PROJECT \$ 34,182
650	EPIDEMIOLOGICAL STUDY ON POPULATION DYNAMICS IN 2 PERUVIAN COMMUNITIES UGARTE, MARIO LEON SCHOOL OF PUBLIC HEALTH LIMA, PERU	AID-PERU GRANT 52711570123B	FY 71 FUNDS \$ 12,500 PROJ PERIOD 6/70-11/71 TOT PROJECT \$ 12,500

651	SUPPORT AND EXPANSION OF THE JOURNAL DEMOGRAPHY ZIMMER, B G POPULATION ASSN OF AMERICA INC WASHINGTON, D C	HEW-NIH GRANT HD-05268	FY 71 FUNDS \$ 14,300 PROJ PERIOD 9/70-12/74 TOT PROJECT \$ 69,300
-----	---	------------------------------	--

RESEARCH ON FAMILY PLANNING SERVICES

652	RAPID FEEDBACK FOR FAMILY PLANNING IMPROVEMENT BOGUE, DONALD CHICAGO, U OF CHICAGO, ILL	AID-TA CONTRACT 93111580842	FY 71 FUNDS \$ NA PROJ PERIOD 6/69- 6/74 TOT PROJECT \$ 672,000
653	EVALUATION STUDIES OF MALAYSIAN FAMILY PLANNING PROGRAM COSA, LESLIE MICHIGAN, U OF ANN ARBOR, MICH	AID-TA GRANT 93111570923B	FY 71 FUNDS \$ NA PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 208,044
654	A FAMILY PLAN BROCHURE AND ITS USE DERRYBERRY, MAYHEW CALIFORNIA, U OF BERKELEY, CALIF	HEW-HSM GRANT HC-R-060051	FY 71 FUNDS \$ 20,414 PROJ PERIOD 5/69-12/71 TOT PROJECT \$ 88,557
655	IMPROVEMENT OF POPULATION PROGRAM AND POLICY DESIGN FREYMAN, MOYE W NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA CONTRACT 93111570856	FY 71 FUNDS \$ -- PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 1,609,000
656	EVALUATION OF FAMILY PLANNING - FAMILY PLANNING EVALUATION CENTER GOLDSMITH, ALFREDO PATHFINDER FUND BOSTON, MASS	AID-TA CONTRACT 93117580478	FY 71 FUNDS \$ -- PROJ PERIOD 6/67- 6/72 TOT PROJECT \$ 1,483,000
657	POPULATION/FAMILY PLANNING RESEARCH IN THE MIDDLE EAST HAMANSY, LEILA SHUKRY EL AMERICAN U CAIRO, EGYPT	AID-NESA GRANT 29815580109	FY 71 FUNDS \$ 270,000 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 270,000
658	TRAINING IN THE EPIDEMIOLOGY OF FAMILY PLANNING HATCHER, ROBERT A EMORY U ATLANTA, GA	HEW-HSM CONTRACT CDC2169506	FY 71 FUNDS \$ 32,310 PROJ PERIOD 6/70- 1/71 TOT PROJECT \$ 32,310
659	POPULATION POLICY AND THE HELPING PROFESSIONS HENDERSHOT, GERRY E VANDERBILT U NASHVILLE, TENN	HEW-NIH GRANT HD-05771	FY 71 FUNDS \$ 35,782 PROJ PERIOD 6/71- 8/72 TOT PROJECT \$ 35,782
660	FAMILY PLANNING REPORTING SYSTEM HOERNANN, SIEGFRIED DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00004	FY 71 FUNDS \$ 743,000
661	1971 ASSESSMENT OF NATIONAL NEED FOR SUBSIDIZED FAMILY PLANNING SERVICES JAPPE, FREDERICK S PLANNED PARENTHOOD-WORLD POPULATION NEW YORK, N Y	HEW-HSM CONTRACT FPS-110-38-1	FY 71 FUNDS \$ 422,286 PROJ PERIOD 7/71- 1/73 TOT PROJECT \$ 422,286

662	INTERNATIONAL CONFERENCE ON SOCIAL WORK RESPONSIBILITY RELATING TO THE DYNAMICS OF POPULATION AND FAMILY PLANNING KENDALL, KATHERINE A COUNCIL ON SOCIAL WORK EDUCATION NEW YORK, N Y	AID-TA CONTRACT 93111580862	FY 71 FUNDS \$ -- PROJ PERIOD 6/69-12/70 TOT PROJECT \$ 160,000
663	INTERNATIONAL FERTILITY RESEARCH PROGRAM KESSEL, ELTON NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA CONTRACT 93117580537	FY 71 FUNDS \$ 3,106,000 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 3,106,000
664	THE DIFFUSION OF FAMILY PLANNING INNOVATIONS LIN, NAN JOHNS HOPKINS U BALTIMORE, MD	AID-TA GRANT 93111570916A	FY 71 FUNDS \$ 123,071 PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 123,07
665	POPULATION ASSISTANCE DECISION MAKING SEARCH LINDSEY, QUENTIN RESEARCH TRIANGLE INSTITUTE RESEARCH TRIANGLE PARK, N C	AID-NESA CONTRACT 29815590019	FY 71 FUNDS \$ 480,000 PROJ PERIOD 1/70- TOT PROJECT \$ 757,000
666	FAMILY PLANNING EVALUATION UNIT LONDONO, JUAN B COLUMBIA U NEW YORK, N Y	AID-ELSAL CONTRACT 519155801492	FY 71 FUNDS \$ NA PROJ PERIOD 7/70-12/72 TOT PROJECT \$ 62,800
667	DEVELOPMENT OF METHODS FOR ESTIMATING FERTILITY CHANGES IN INDIVIDUAL AREAS OF LDCS (LESS DEVELOPED COUNTRIES) NAMBOODIRI, KRISHNAN N NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA GRANT 93111570956C	FY 71 FUNDS \$ 49,920 PROJ PERIOD 6/71- 6/72 TOT PROJECT \$ 49,920
668	EVALUATION OF MATERNAL CHILD HEALTH PROGRAM (FAMILY PLANNING PROGRAMS) NESMAN, EDGAR G SOUTH FLORIDA, U OF MIAMI, FLA	AID-TA GRANT 52211580065	FY 71 FUNDS \$ NA PROJ PERIOD 5/71- 9/71 TOT PROJECT \$ 14,000
669	INTEGRATION OF FAMILY PLANNING INTO MATERNAL CHILD HEALTH SERVICES PARDOKO, HENRY NATIONAL INST OF PUBLIC HEALTH SURABAJA, INDONESIA	AID-INDONESIA GRANT 49715580188A	FY 71 FUNDS \$ NA PROJ PERIOD 1/71- 5/72 TOT PROJECT \$ 19,300
670	RESPONSIBLE PARENTHOOD PROGRAM OUTSIDE LIMA (MEDICAL SERVICES INCLUDING ANOVLATORIES) PAZOS, PEDRO APOSTOLIC LAITY FAMILY PLANNING LIMA, PERU	AID-PERU GRANT 52711570123G	FY 71 FUNDS \$ NA PROJ PERIOD 5/70- 6/72 TOT PROJECT \$ 61,900
671	UTILIZATION OF TRADITIONAL VILLAGE MIDWIVES FOR FAMILY PLANNING PROGRAM IN MALAYISA PENG, J Y MICHIGAN, U OF ANN ARBOR, MICH	AID-TA GRANT 93111570923A	FY 71 FUNDS \$ NA PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 126,408
672	COST-BENEFIT ANALYSIS OF PILOT FAMILY PLANNING PROGRAMS ROBINSON, WARREN C PENNSYLVANIA STATE U UNIVERSITY PARK, PA	AID-TA CONTRACT 93111570806	FY 71 FUNDS \$ NA PROJ PERIOD 3/68- 6/71 TOT PROJECT \$ 224,000

673	BLACK RESISTANCE TO FAMILY PLANNING CENTERS ROSENMAN, MARTIN F MOOREHOUSE COLL ATLANTA, GA	HEW-NIH GRANT HD-05774	FY 71 FUNDS \$ 24,604 PROJ PERIOD 5/71- 4/72 TOT PROJECT \$ 24,604
674	DEVELOPMENT AND ACTIVATION OF UNIFORM PROGRAM REPORTING SYSTEM FOR STATE HEALTH DEPARTMENTS SHAPER, RUTH ASSN OF STATE & TERR HLTH OFFICERS WASHINGTON, D C	HEW-HSM CONTRACT CHS-11070317	FY 71 FUNDS \$ 327,865 PROJ PERIOD 7/70- 6/72 TOT PROJECT \$ 927,765
675	EVALUATION STUDIES OF INTERNATIONAL POST PARTUM FAMILY PLANNING PROGRAM SHUBECK, FRANK POPULATION COUNCIL, THE NEW YORK, N Y	AID-TA CONTRACT 93117580479	FY 71 FUNDS \$ -- PROJ PERIOD 6/67-12/70 TOT PROJECT \$ 600,000
676	ORGANIZING FOR SOCIAL CHANGE: THE FAMILY PLANNING PROGRAMS IN UTTAR PRADESH - KANPUR SIMMONS, GEORGE B MICHIGAN, U OF ANN ARBOR, MICH	AID-TA GRANT 93111570923D	FY 71 FUNDS \$ 120,868 PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 120,868
677	FAMILY PLANNING: CLINIC AND COST EVALUATION ELEANOR M PLANNED PARENTHOOD FED OF AMERICA NEW YORK, N Y	HEW-HSM GRANT MC-R-360055	FY 71 FUNDS \$ 181,378 PROJ PERIOD 7/68- 6/72 TOT PROJECT \$ 692,133
678	RESPONSIBLE PARENTHOOD IN MARGINAL LIMA AREAS (MEDICAL SERVICES INCLUDING ANOVULATORIES) SUBIRIA, RECARDO CHRISTIAN FAMILY MOVEMENT LIMA, PERU	AID-PERU GRANT 52711570123F	FY 71 FUNDS \$ NA PROJ PERIOD 7/67- 3/72 TOT PROJECT \$ 112,600
679	MALAYSIAN ACCEPTOR SURVEY ANALYTICAL STUDIES TAKESHITA, JOHN Y MICHIGAN, U OF ANN ARBOR, MICH	HEW-NIH GRANT HD-05227	FY 71 FUNDS \$ 63,857 PROJ PERIOD 9/70- 8/72 TOT PROJECT \$ 111,590
680	STUDY OF INTEGRATED FAMILY PLANNING AND RURAL HEALTH SERVICES (INDIA) TAYLOR, CARL JOHNS HOPKINS U BALTIMORE, MD	AID-NESA CONTRACT 29815995017	FY 71 FUNDS \$ 630,000 PROJ PERIOD 6/69- 6/74 TOT PROJECT \$ 1,205,000
681	TRAINING IN EPIDEMIOLOGY AND FERTILITY REGULATION TYLER, CARL W JR NATIONAL CTR FOR DISEASE CONTROL ATLANTA, GA	HEW-NIH CONTRACT HD-00007	FY 71 FUNDS \$ 535,388 PROJ PERIOD 7/66- 6/71 TOT PROJECT \$ 1,423,006
682	PREGNANCY SPACING AND BIRTH OUTCOME--FAMILY PLANNING UDRY, RICHARD J NORTH CAROLINA, U OF CHAPEL HILL, N C	HEW-HSM GRANT MC-R-370029	FY 71 FUNDS \$ 240,000 PROJ PERIOD 6/67- 5/72 TOT PROJECT \$ 1,271,625
683	FAMILY PLANNING APPROACHES AMONG "HIGH RISK" FEMALES VINCENT, CLARK E WAKE FOREST U WINSTON-SALEM, N C	HEW-HSM GRANT MC-R-370019	FY 71 FUNDS \$ 103,718 PROJ PERIOD 7/68- 6/74 TOT PROJECT \$ 575,423

684	UTILIZATION OF FAMILY PLANNING SERVICES (COSTA RICA) VINCENT, CLARK E WAKE FOREST U WINSTON-SALEM, N C	AID-TA CONTRACT 93117580510	FY 71 FUNDS \$ 101,000 PROJ PERIOD 6/69- 6/72 TOT PROJECT \$ 363,000
685	STUDIES RELATED TO FAMILY PLANNING SERVICES (INDIAN RESERVATIONS) WALKER, DEWORD COLORADO, U OF BOULDER, COLO	HEW-HSM CONTRACT IHS-8571188	FY 71 FUNDS \$ 20,000 PROJ PERIOD 5/71- 5/72 TOT PROJECT \$ 20,000
686	APPLICATION OF METHODOLOGY FOR EVALUATING FAMILY PLANNING PROGRAMS WISHIK, SAMUEL R COLUMBIA U NEW YORK, N Y	AID-TA CONTRACT 93111580855	FY 71 FUNDS \$ NA PROJ PERIOD 6/69- 6/74 TOT PROJECT \$ 1,651,000
687	DEMONSTRATION PROJECT FOR EXTENDING POSTPARTUM FAMILY PLANNING SERVICES TO RURAL AREAS OF TANZANIA WOOD, CHRISTOPHER NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA GRANT 93111570956B	FY 71 FUNDS \$ NA PROJ PERIOD 6/71- 6/74 TOT PROJECT \$ 75,000
688	EVALUATION UNIT IN CESPO (CENTER FOR SOCIAL AND POPULATION STUDIES) COLUMBIA U NEW YORK, N Y	AID-COSTA RI GRANT 51511590105	FY 71 FUNDS \$ 33,400 PROJ PERIOD 4/71- 4/73 TOT PROJECT \$ 33,400
689	BUDGETARY SUPPORT FOR GOP FAMILY PLANNING RESEARCH GOVERNMENT OF PAKISTAN ISLAMABAD, PAKISTAN	AID-PAKISTAN PL-480 39117780362	FY 71 FUNDS \$ -- PROJ PERIOD 7/70- 6/71
690	RESEARCH ACTIVITIES AT PAKISTAN ACADEMY FOR RURAL DEVELOPMENT (FAMILY PLANNING) PAKISTAN ACAD FOR RURAL DEVELOPMENT COMILLA, PAKISTAN	AID-PAKISTAN PL-480 391115802563	FY 71 FUNDS \$ 54,000 PROJ PERIOD 2/71- 6/73 TOT PROJECT \$ 54,000

DATA GENERATION, COMPILATION, AND ANALYSIS

691	DEMOGRAPHIC REPORT (1971 PERU CENSUS) ARCA-PARRO, ALBERTO CTR FOR POPULATION STUDY & DESIGN LIMA, PERU	AID-PERU CONTRACT 52711570123D	FY 71 FUNDS \$ NA PROJ PERIOD 9/69-12/71 TOT PROJECT \$ 12,000
692	COLLECTION AND ANALYSIS OF NATIONAL MORTALITY STATISTICS ARMSTRONG, ROBERT DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00006	FY 71 FUNDS \$ 1,740,000
693	DEMOGRAPHIC SERVICES (DEVELOP A POPULATION DATA SYSTEM) BAUM, SAM DEPT OF COMMERCE-BUR OF CENSUS SUITLAND, MD	AID-TA CONTRACT 93111570810	FY 71 FUNDS \$ NA PROJ PERIOD 3/68- TOT PROJECT \$ 1,733,000

694	CENSUS AND HOUSEHOLD SURVEY DIAZ DE BEDOYA, JOSE MINISTRY OF FINANCE OF PARAGUAY ASUNCION, PARAGUAY	AID-PARAGUAY GRANT 52611580085E	FY 71 FUNDS \$ 135,000 PROJ PERIOD 4/70- 6/74 TOT PROJECT \$ 180,000
695	POPULATION TRENDS IN NON-METROPOLITAN CITIES AND TOWNS (TABULATION AND ANALYSIS OF DATA) FUGUITT, GLENN WISCONSIN, U OF MADISON, WIS	USDA-ERS GRANT ED1-1-52-01	FY 71 FUNDS \$ 8,000 PROJ PERIOD 6/70- 6/72 TOT PROJECT \$ NA
696	MEETINGS TO DEVELOP FINAL PLANS FOR THE NATIONAL SURVEY OF FAMILY GROWTH GENDELL, MURRAY GEORGETOWN U WASHINGTON, D C	HEW-HSM CONTRACT NCHS11071118	FY 71 FUNDS \$ 84,000 PROJ PERIOD 6/71- 7/72 TOT PROJECT \$ 84,000
697	SURVEY OF POPULATION RESEARCH - 1969 HERSEY, DAVID F SMITHSONIAN INSTN WASHINGTON, D C	HEW-NIH CONTRACT HD-12009	FY 71 FUNDS \$ 17,537 PROJ PERIOD 8/70- 2/71 TOT PROJECT \$ 17,537
698	COLLECTION AND ANALYSIS OF NATIONAL MARRIAGE AND DIVORCE STATISTICS HETZEL, ALICE DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00007	FY 71 FUNDS \$ 140,000
699	STATISTICAL DATA ON THE EPIDEMIOLOGY OF FAMILY PLANNING LEVINE, RAPHAEL B METRO ATLANTA COUNCIL LOCAL GOVTS ATLANTA, GA	HEW-HSM CONTRACT CDC21-70-516	FY 71 FUNDS \$ 26,615 PROJ PERIOD 6/70- 6/71 TOT PROJECT \$ 26,615
700	DEMOGRAPHIC HOUSEHOLD SURVEY (LIBERIA) MASSALE, ABLE GOVERNMENT OF LIBERIA MONROVIA, LIBERIA	AID-LIBERIA GRANT 66911570109	FY 71 FUNDS \$ NA PROJ PERIOD 2/69- 2/73 TOT PROJECT \$ 541,000
701	FOREIGN DEMOGRAPHIC ANALYSIS DIVISION MYERS, PAUL F DEPT OF COMMERCE-BUR OF CENSUS WASHINGTON, D C	VARIOUS AGEN CONTRACT 00000	FY 71 FUNDS \$ 992,000 PROJ PERIOD NA TOT PROJECT \$ 992,000
702	COLLECTION AND ANALYSIS OF NATIONAL NATALITY STATISTICS PATTERSON, JOHN E DEPT OF HLTH, EDUC, & WELFARE ROCKVILLE, MD	HEW-HSM INTRAMURAL NCHS-00005	FY 71 FUNDS \$ 970,000
703	DEMOGRAPHIC STUDY OF PARAGUAY SILVERO, ARNALDO TECH PLANNING SECRETARIAT, PARAGUAY ASUNCION, PARAGUAY	AID-PARAGUAY GRANT 52611580085F	FY 71 FUNDS \$ -- PROJ PERIOD 6/70- TOT PROJECT \$ 36,000
704	CURRENT POPULATION SURVEY (INCLUDING POPULATION TRENDS AND SPECIAL REPORTS) DEPTS OF LABOR AND COMMERCE WASHINGTON, D C	DOL-COMM INTRAMURAL 01107	FY 71 FUNDS \$ 5,736,000
705	THE 19TH DECENNIAL CENSUS OF POPULATION & HOUSING DEPT OF COMMERCE-BUR OF CENSUS SUITLAND, MD	COMM-CENSUS INTRAMURAL CEN-00001	FY 71 FUNDS \$45,900,000

706	POPULATION/FAMILY PLANNING (DEMOGRAPHIC SURVEY AND KAP STUDY)	AID-AFGHAN	FY 71 FUNDS \$ 1,430,855
	NEW YORK, STATE U OF	CONTRACT	PROJ PERIOD 1/71- 2/74
	BUFFALO, N Y	306115701102	TOT PROJECT \$ 1,510,855
707	IMPROVEMENT OF DEMOGRAPHIC STATISTICS	AID-PAKISTAN	FY 71 FUNDS \$ NA
	GOVERNMENT OF PAKISTAN	GRANT	PROJ PERIOD 8/71- 6/72
	KARACHI, PAKISTAN	391115802561	TOT PROJECT \$ 334,000

**CENTER GRANTS AND MULTIDISCIPLINARY
BIOMEDICAL-BEHAVIORAL PROGRAMS**

708	DEVELOPMENT CENTRE POPULATION PROJECT BLAND, FRANCIS ORG FOR ECONOMIC CO-OP & DEVELOP PARIS, FRANCE	AID-TA GRANT 93111570827	FY 71 FUNDS \$ -- PROJ PERIOD 7/68- 7/72 TOT PROJECT \$ 209,000
709	INSTITUTIONAL GRANT TO UNIVERSITY OF MICHIGAN COSA, LESLIE MICHIGAN, U OF ANN ARBOR, MICH	AID-TA GRANT 93111570110	FY 71 FUNDS \$ -- PROJ PERIOD 6/68- 6/73 TOT PROJECT \$ 1,250,000
710	INSTITUTIONAL GRANT TO THE UNIVERSITY OF NORTH CAROLINA FREYMAN, MOYE W NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA GRANT 93111570102	FY 71 FUNDS \$ -- PROJ PERIOD 5/68- 5/73 TOT PROJECT \$ 2,400,000
711	DEMOGRAPHIC RESEARCH CENTER (POPLAB) CERED KROTKI, KAROL NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-MOROCCO GRANT 60811570109	FY 71 FUNDS \$ -- PROJ PERIOD 6/70- 6/75 TOT PROJECT \$ 200,000
712	RESEARCH CENTER FOR STATISTICAL METHODS IN DEMOGRAPHY (CIMED) OF THE NATIONAL STATISTICAL DEPARTMENT (DANE) LINDER, FORREST E NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-COLUMBIA GRANT 514115801502	FY 71 FUNDS \$ 236,400 PROJ PERIOD 10/70-10/75 TOT PROJECT \$ 236,400
713	UNIVERSITY POPULATION PROGRAM DEVELOPMENT (IN UNIVERSITIES OF LESS DEVELOPED COUNTRIES) LYNTON, ROLF NORTH CAROLINA, U OF CHAPEL HILL, N C	AID-TA GRANT 93111570956A	FY 71 FUNDS \$ NA PROJ PERIOD 6/71- 6/73 TOT PROJECT \$ 75,000
714	LATIN AMERICAN DEMOGRAPHIC CENTER MIRO, CARMAN LATIN AMERICAN DEMOGRAPHIC CTR SANTIAGO, CHILE	AID-LA GRANT 59815570459	FY 71 FUNDS \$ NA PROJ PERIOD 6/66- 6/71 TOT PROJECT \$ 1,511,000
715	INSTITUTE FOR THE STUDY OF HUMAN REPRODUCTION MORALES, JULIO M ASUNCION, NATIONAL U OF ASUNCION, PARAGUAY	AID-PARAGUAY GRANT 52615580085Y	FY 71 FUNDS \$ 62,000 PROJ PERIOD 6/69- 6/73 TOT PROJECT \$ 183,5000
716	CENTER FOR POPULATION RESEARCH (MULTIPLE ANATOMICAL SITES AND SPECIES) O MALLEY, BERT W VANDERBILT U NASHVILLE, TENN	HEW-NIH GRANT HD-05797	FY 71 FUNDS \$ 297,696 PROJ PERIOD 5/71- 4/76 TOT PROJECT \$ 1,466,221

717	INSTITUTIONAL GRANT TO JOHNS HOPKINS UNIVERSITY TAYLOR, CARL JOHNS HOPKINS U BALTIMORE, MD	AID-TA GRANT 93111570101	FY 71 FUNDS \$ -- PROJ PERIOD 6/68- 1/73 TOT PROJECT \$ 1,300,000
718	BIOTECHNOLOGY RESOURCES (ESTIMATED SUPPORT FOR POPULATION RESEARCH) NATIONAL INST OF HEALTH BETHESDA, MD	HEW-NIH GRANT RR-0000X	FY 71 FUNDS \$ 23,057
719	FAMILY PLANNING TRAINING, RESEARCH AND EVALUATION CENTERS (TRECS) GOVERNMENT OF PAKISTAN LAHORE AND DACCA, PAKISTAN	AID-PAKISTAN GRANT 39111580256	FY 71 FUNDS \$ NA PROJ PERIOD 1/71- 6/73 TOT PROJECT \$ 724,300

KEY:

-- AID PROJECTS ACTIVE DURING FY 71 BUT
RECEIVING NO FY 71 FUNDS; EXCLUDED FROM
TABLES.

NA NOT AVAILABLE.

INVESTIGATOR INDEX

A

ABERNATHY, VIRGINIA D, 575
 ADACHI, KENJI, 7
 ADAMS-SMITH, WILLIAM N, 211
 ADAMS, LOWELL, 510
 ADLER, NORMAN T, 481
 AHREN, KURT E, 8
 ALBERT, A, 247
 ALBERT, ERNEST N, 436
 ALEXANDER, NANCY J, 73
 ALLEN, JAMES E, 636
 AMANN, RUPERT P, 74, 75
 ANDERSON, BRUCE M, 136
 ANDERSON, EVERETT, 411
 ANDERSON, GAIL V, 563
 ANDERSON, WYATT W, 511
 ANSHEL, KURT R, 605
 ARCA-PARRO, ALBERTO, 691
 ARCOS, MARTHA, 9
 ARMSTRONG, DAVID THOMAS, 334
 ARMSTRONG, ROBERT, 692
 ARNOLD, WILLIAM J, 482
 ARONSON, LESTER R, 483
 ASHTON, GEOFFREY C, 76
 AVERETTE, HERVY E, 35
 AXELROD, LEONARD R, 1
 AYALA, FERNANDO, 519

B

BAGGETT, BILLY, 10
 BAHL, OM P, 248
 BAILYN, BERNARD, 520
 BAKER, BURTON L, 437
 BAKER, ROBERT F, 171
 BALPH, DAVID F, 512
 BARBER, MARY LEE, 172
 BARDIN, CLYDE W, 275, 276
 BARFIELD, RONALD J, 484
 BARKER, KENNETH L, 36
 BARKSDALE, ALMA WHIPPEN, 335
 BARNES, JARVIS, 558
 BARRACLOUGH, CHARLES A, 212
 BARTKE, ANDRZEJ, 249
 BARTOSIK, DELPHINE B, 11
 BATES, ROBERT H., 606
 BAUM, SAM, 693

BAYNE, CHRISTOPHER J, 336
 BEACH, FRANK A, 485
 BEALE, CALVIN L, 539, 607
 BEARMAN, JACOB E, 12
 BECK, PAUL, 337
 BECKETT, SIDNEY D, 77
 BEDFORD, J MICHAEL, 137, 138
 BEEHAN, ROBERT D, 139
 BEHRMAN, SAMUEL J, 173, 365, 366
 BELCHER, JOHN C, 576
 BENNETT, DOROTHEA, 78
 BERNARD, VIOLA W, 622
 BETZ, GEORGE, 277
 BIGGERS, JOHN D, 13, 174, 412
 BIRCHALL, KATHLEEN, 65
 BLACK, DONALD L, 37
 BLACK, VIRGINIA H, 2
 BLAND, W H, 438
 BLAND, FRANCIS, 708
 BLANDAU, RICHARD J, 38, 39, 413
 BLOMQUIST, CHARLES H, 140
 BO, WALTER J, 175
 BOGDANOVE, EMANUEL M, 338
 BOGUE, DONALD, 652
 BOON, DONALD A, 278
 BOSE, AJAY K, 367
 BOWLES, GLADYS K, 608
 BOWMAN, JAMES T, 79
 BRACKETT, BENJAMIN G, 141
 BRENNER, ROBERT M, 40, 41
 BRENT, ROBERT L, 176
 BRESSLER, RUBIN, 439
 BREZNIK, DUSAN, 577
 BRINKLEY, B. R, 80
 BRINSFIELD, T H, 66
 BRINSTER, RALPH L, 177
 BRODIE, HARRY J, 368
 BRONSON, FRANKLIN H, 213
 BROOKS, SAM C, 279
 BROVERMAN, INGE K, 578
 BROWN, HARRISON, 637
 BRUESCHKE, ERICH E, 403, 404
 BRUNTON, WILLIAM, 42
 BUDNER, STANLEY, 564
 BURDICK, ALLAN B, 81
 BUTCHER, ROY L, 14
 BUTTRAM, VEASY C B JR, 440

C

CALHOUN, JOHN B, 513
 CALLARD, IAN P, 214
 CALVIN, HAROLD I, 82
 CAMPBELL, REX R, 609
 CANFIELD, ROBERT E, 250
 CANNING, J B, 83
 CHANG, MIN CHUEH, 142, 143
 CHANNING, CORNELIA POST, 15
 CHAPMAN, MURRAY, 610
 CHEN, CHIADO, 441
 CHIANG, KWEN-SHENG, 414
 CHOROVEE, S L, 215
 CHRISTENSEN, A KENT, 84
 CHU, ELIZABETH W, 442
 CLARK, JAMES HENRY, 280
 CLARK, WALLIS H JR, 178
 CLAYBROOK, JAMES R, 179
 CLEGG, M T, 144
 CLEMENS, LYNWOOD G, 216, 281
 CLEWE, THOMAS H, 474
 CLINTON, RICHARD, 638
 COALE, ANSLEY J, 579, 645
 COLE, EDMOND R, 443
 COFFMAN, PHILIP, 16
 CORSA, LESLIE, 653, 709
 CRABO, BO, 85
 CRAIG, SYDNEY P, 180
 CRANE, MILTON G, 444
 CROSS, MORTON, 181
 CROSS, PATRICIA C, 145
 CSAPO, ARPAD ISTVAN, 182, 369
 CUSHNER, IRVIN M, 370, 371
 CUTLER, JOHN C, 372

D

DAILY, EDWIN F, 565
 DANIEL, JOSEPH C JR, 183, 184
 DARITY, WILLIAM A, 552
 DAVID, HENRY P, 566, 567
 DAVIDSON, ERIC H, 67, 185
 DAVIS, ADAM C, 580
 DAVIS, JOSEPH R, 86
 DAVIS, KINGSLEY, 559, 639
 DE FEO, VINCENT J, 186, 415
 DE RENZO, EDWARD C, 373
 DE STIGLICH, TERESA, 581
 DELGADO, CARLOS, 640
 DERRYBERRY, MAYHEW, 654
 DESJARDINS, CLAUDE, 87
 DEWSBURY, DONALD A, 486
 DIAMOND, MILTON, 514

DIAZ DE BEDOYA, JOSE, 694
 DICKSON, WILLIAM H, 43
 DIGIACOMO, RONALD F, 416
 DOE, RICHARD P, 374
 DOMM, LINCOLN V, 282
 DOOLIN, P F, 217
 DOTSON, A BRUCE, 521
 DRUCKER, EUGENE H, 623
 DUARTE, A N ACHA, 553
 DUKELOW, W RICHARD, 146
 DUNHAM, CHARLES L, 445
 DURAND, JOHN D, 540
 DYKE, BENNETT, 522

E

EAMES, EDWIN, 611
 EASON, WARREN W, 523
 ECKLAND, BRUCE K, 582
 ECKLUND, PETER S, 187
 EDDY, R L, 251
 EIK-NES, KRISTEN B, 88, 283
 EISENFELD, ARNOLD J, 284
 ELEFThERIOU, BASIL E, 218
 ELY, CHARLES A, 252
 ENDERS, ALLEN C, 188
 ENGEL, LEWIS L, 285
 ENKE, STEPHEN, 641
 EPEL, DAVID, 147
 EPPLE, GISELA, 219
 EPSTEIN, CHARLES J, 189
 ERB, ROBERT A, 405
 ERICKSON, CARL J, 487
 ESPEY, LAWRENCE LEE, 17
 ESTREMADOYRO, JOSE E, 524
 EWING, LARRY LARUE, 286, 406

F

FALB, RICHARD D, 253, 407
 FARLEY, REYNOLDS, 541
 FARNER, DONALD S, 220
 FARNSWORTH, W E, 89
 FAWCETT, DON W, 90, 91
 FEIGEN, GEORGE A, 44
 FISKE, VIRGINIA M, 221
 FLETCHER, ANTONY P, 446
 FLETCHER, W S, 417
 FLICKINGER, CHARLES J, 92
 FLINN, WILLIAM L, 612
 FOLEY, CHARLES W, 148
 FONG, CAROLINE K Y, 287
 FOOTE, ROBERT H, 418

FOOTE, WILFORD DARRELL, 18
 POSTER, ASHLEY, 624
 FRANKEL, ARTHUR I, 93
 FRANKLIN, LUTHER E, 94, 149
 FREEDMAN, RONALD, 583
 FREEMAN, MALCOM G, 568
 FRENCH, FRANK SIKES, 95
 FREUND, MATTHEW JAY, 96, 408
 FREYMAN, MOYE W, 655, 710
 FRIED, JOSEF, 375, 376
 FRIEDMAN, HERBERT, 515
 FRIEDMAN, ORBIE M, 377
 FROMM, ELI, 419
 FUGUITT, GLENN, 695
 FUJIMOTO, GEORGE I, 45
 FURSTENBERG, FRANK F, 560

G

GALA, RICHARD B, 254, 339
 GALLO, ROBERT V, 340
 GASS, GEORGE H, 378
 GAWIENOWSKI, ANTHONY M, 19
 GENDELL, MURRAY, 696
 GERALL, ARNOLD A, 488
 GERSHBERG, HERBERT, 447
 GESCHWIND, IRVING I, 341
 GIBBS, JAMES O, 561
 GILBERT, L I, 342
 GLASS, LAUREL E, 190, 191
 GLEDHILL, BANTON L, 97
 GLUECK, CHARLES J, 448
 GOLDBERG, ERWIN, 98
 GOLDMAN, BRUCE D, 343
 GOLDMAN, ALLEN SEYMOUR, 3
 GOLDSMITH, ALFREDO, 656
 GOLDSTEIN, SIDNEY, 584
 GOLDZIEHER, JOSEPH W, 449
 GORSKI, JACK, 288
 GORSKI, ROGER A, 344
 GOY, ROBERT W, 489
 GRABILL, WILSON H, 625
 GREENWALD, GILBERT S, 20
 GREENWOOD, FREDERICK C, 255
 GREEP, ROY O, 345
 GREGOR, GARY L, 516
 GREISS, FRANK C, 68
 GROAT, H THEODORE, 585
 GROSS, E, 379
 GUILLEMAN, ROGER, 380
 GUMBRECK, LAURENCE G, 99
 GURPIDE, ERLIO, 289

H

HAGERMAN, DWAIN D, 290
 HAGINO, NOBUYOSHI, 222, 223
 HAHN, WILLIAM, 192
 HALKERSTON, IAN D K, 291
 HALPERN, B DAVID, 381
 HAMANSY, LEILA SHUKRY EL, 657
 HAMILTON, DAVID W, 100
 HAMILTON, TERRELL H, 46
 HAMMERSTEDT, ROY H, 101
 HAMNER, CHARLES E, 150
 HARPER, MICHAEL J K, 47, 382
 HARPER, PAUL A, 569
 HARNIS, BRITTON, 525
 HARRIS, JEAN L, 554
 HATCHER, ROBERT A, 586, 658
 HAUGHOM, JOAN, 193
 HAWK, HAROLD W, 151, 346, 475
 HECHT, NORMAN B, 102
 HEDRICK, JERRY L, 152
 HEER, DAVID M, 587, 626
 HENDERSHOT, GERRY E, 659
 HERSEY, DAVID F, 697
 HERTIG, ARTHUR T, 21
 HESTON, WALTER E, 450
 HETZEL, ALICE, 698
 HEYMAN, ALBERT, 451
 HILLIARD, JESSAMINE O, 292, 347
 HIRSCHBERG, DAVID A, 613
 HNILICA, LUBOMIR S, 103
 HOERMANN, SIEGFRIED, 660
 HOFFMAN, ROGER A, 224
 HOFFMANN, JOAN C, 348
 HOLMAN, CHARLES N, 420
 HORTON, RICHARD, 293
 HOSKINS, DALE D, 104
 HOSSAIN, MONAWAR, 526
 HOWARD, ALAN, 542
 HOWE, GEORGE R, 48
 HULKA, J F, 479
 HUMPHREYS, TOM D, 153
 HUNTER, ALAN G, 105

I

IBARRA, ENRIQUE, 527
 INFANTE, ANTHONY A, 194
 INSKFEP, E KEITH, 383
 IRVIN, J LOGAN, 106
 ISKANDAR, N, 528

J

JACOBSON, GERT M, 294
 JACOBSON, ANTOINE G, 421
 JAFFE, FREDERICK S, 661
 JAFFE, ROBERT B, 5, 295
 JAGIELLO, GEORGIANA MARY, 69
 JEFFREY, JOHN J, 49
 JENSEN, ELWOOD V, 50, 296
 JIANG, NAI-SIANG, 297
 JOHNSON, DONALD C, 349
 JOHNSTON, JOHN O, 384
 JONES, GEORGEANNA SEEGER, 385
 JOSHI, SUSAN HEYNER, 195
 JUNGHANN, RICHARD A, 298

K

KALTENBACH, CARL COLIN, 256
 KAMMEYER, KENNETH C W, 588
 KARIM, SULTAN M M, 386
 KATHAN, RALPH H, 257
 KENDALL, KATHERINE A, 662
 KENT, J R, 299
 KESSEL, ELTON, 663
 KHAN, M YUNUS, 6
 KHAN, ZAHIR UDDIN, 51
 KILGORE, WENDELL W, 387
 KINCL, FRED A, 388
 KIRDANI, R Y, 300
 KIRK, DUDLEY, 589
 KIRSCHNER, MARVIN A, 301
 KIRTON, KENNETH T, 389
 KLEBANOFF, SEYMOUR J, 52
 KLEIN, ROBERT E, 627
 KNOBIL, ERNST, 350, 422
 KNUTSON, ANDIE, 642
 KOBAYASHI, YUTAKA, 53
 KOCHAKIAN, CHARLES D, 302
 KOERING, MARILYN, 22
 KROTKI, KAROL, 711
 KUSHINSKY, STANLEY, 303

L

LE MAIRE, WILLIAM, 390
 LEATHEN, JAMES H, 423
 LEE, EVERETT S, 614, 646
 LEHRMAN, DANIEL S, 490
 LEPPI, T JOHN, 54
 LEVBER, RICHARD D, 452
 LEVINE, RAPHAEL B, 699

LI, C H, 258
 LICHT, PAUL, 491
 LIN, NAN, 664
 LIN, TEH P, 196
 LINDER, FORREST E, 529, 530, 712
 LINDSEY, QUENTIN, 665
 LINDZEY, GARDNER, 492
 LININGER, CHARLES, 647
 LIPSETT, MORTIMER B, 351
 LISK, ROBERT D, 493
 LITTLE, A BRIAN, 304
 LITTLEFIELD, GAYLE, 453
 LLOYD, CHARLES W, 352, 391
 LOEB, WALTER P, 454
 LOHR, WERNER J, 494
 LONDONO, JUAN B, 666
 LONG, JOHN A, 305
 LONG, JUDITH A, 628
 LONG, LARRY H, 615
 LONGCOPE, CHRISTOPHER, 306
 LONGO, FRANK J, 154
 LOTT, DALE F, 495
 LUND, LOIS, 23
 LUYKX, PETER V O, 197
 LYNTON, ROLF, 713

M

MAC LEOD, JOHN, 107
 MACHLIS, LEONARD, 108
 MAHESH, VIRENDRA B, 307, 353, 455
 MALACARA, J M, 225
 MALACINSKI, GEORGE M, 198
 MALOOF, FARAH, 259
 MANDL, INES, 24
 MANN, J A, 155
 MARCUS, GEORGE J, 199
 MARSH, JOHN M, 260
 MARSHALL, J R, 261
 MASON, KAREN O, 590
 MASSALE, ABLE, 700
 MASTROIANNI, LUIGI JR, 55, 424
 MAZER, RONALD S, 56
 MAZUR, PETER D, 591
 MC CANN, SAMUEL M, 226, 227
 MCGILL, THOMAS E, 496
 MEANS, ANTHONY R, 109
 MEITES, JOSEPH, 228
 MENDELS, FRANKLIN F, 543
 MENGE, ALAN C, 110, 111
 MERRIAM, ROBERT WILLIAM, 25
 METZ, CHARLES B, 156
 MEYER, CORNELIUS C, 497
 MEYERSON, BENGT, 498
 NICKELSEN, OLAF, 425

MIDGLEY, A REES JR, 354
 MILES, LAUGHTON E M, 355
 MILLER, RICHARD LEE, 157
 MILLER, WARREN B, 570
 MIRO, CARMAN, 714
 MOGHISSI, KAMRAN S, 426
 MONAHAN, THOMAS P, 629
 MORALES, JULIO M, 571, 715
 MORIYAMA, I M, 603
 MORRILL, GENE A, 427
 MORRISON, PETER A, 616
 MORTON, BRUCE, 112
 MOSES, MONTROSE J, 113
 MYERS, PAUL F, 701
 MYERS, RONALD E, 499

N

NADLER, RONALD D, 229
 NAG, MONI, 592
 NAIB, ZUHAR, 456
 NALBANDOV, ANDREW V, 26, 356
 NAMBOODIRI, KRISHNAN N, 667
 NEILL, JIMMY DYKE, 230
 NELSEN, THOMAS S, 57
 NELSON, LEONARD, 114, 115
 NEMER, MARTIN J, 200
 NESMAN, EDGAR G, 668
 NEVILLE, ADMIRAL, 392
 NEWBURGH, ROBERT W, 116
 NEWELL, GUY R, 457
 NEWMAN, PETER K, 531
 NICOLETTE, JOHN A, 308
 NISHIKAWARA, MARGARET T, 357
 NISWENDER, GORDON DEAN, 358
 NOTIDES, ANGELO C, 309
 NOVAK, FRANC, 480
 MUNNALLY, JIM C, 643
 NUWAYSER, ELIE S, 117

O

O HALLEY, BERT W, 310, 716
 O STEEN, W KEITH, 231
 ODOR, D LOUISE, 58
 OLSSON, C A, 118
 OMIRAN, ABDEL, 544
 OPEL, H, 232
 OPPER, ALBERT W JR, 119
 OPPEL, WALLACE C, 572
 ONGEBIN-CRIST, MARIE-CLAIRE, 120, 121
 OHSINI, MARGARET WARD, 201
 OSTROWSKI, KAZIMIERZ, 202

P

PAFFENBARGER, RALPH S JR, 458
 PAPKOFF, HAROLD, 262
 PARDOKO, HENRY, 669
 PARLOW, ALBERT F, 263
 PARR, EARL L, 203
 PATTERSON, JOHN E, 702
 PAUERSTEIN, CARL J, 204
 PAULSEN, C ALVIN, 122, 393
 PAYDARFAR, ALI A, 630
 PAZOS, PEDRO, 670
 PEARLMAN, WILLIAM H, 311
 PELLEGRIN, FREDERICK A, 459
 PENG, J Y, 476, 671
 PFAPF, DONALD W, 500
 PHILLIPS, DAVID M, 123
 PIACSEK, BELA E, 359
 POPE, HALLOWELL, 593
 PORTER, JOHN C, 233
 PRAGER, DENIS J, 409
 PRED, ALLAN R, 617
 PREEDY, JOHN R K, 312
 PRINTZ, RICHARD H, 234
 PRITCHARD, JACK A, 70

Q

QUINLIVAN, W LESLIE G, 124
 QUINN, DAVID L, 235

R

RALPH, CHARLES L, 236
 RAVNIHAR, BOZENA, 460
 REGER, JAMES F, 125
 REICHLIN, SEYMOUR, 237
 REITER, RUSSEL J, 238
 RENNELS, EDWARD G, 264
 REVELLE, ROGER, 594
 REVESZ, CLARA, 394
 RICE, BERNARD F, 313
 RICHARDSON, DONALD F, 428
 RIKMENSPOEL, ROBERT, 126
 RINARD, GILBERT A, 27
 RISLEY, PAUL LEMUEL, 395
 RIVAROLA, DOMINGO M, 618
 ROBINS, ELI, 501
 ROBINSON, WARREN C, 672
 RODGERS, ALLAN L, 619
 RODGERS, CHARLES H, 28
 RODMAN, TOBY C, 429

ROSENBERG, EUGENIA, 265
 ROSENBERG, MURRAY D, 158
 ROSENMAN, MARTIN P, 673
 ROSNER, WILLIAM, 314
 ROTHCHILD, IRVING, 29
 ROY, ABUN K, 315
 RUNYAN, JOHN W JR, 430, 461
 RUSSELL, PAUL T, 59
 RYAN, KENNETH J, 316
 RYAN, ROBERT J, 30, 266

S

SABAGH, GEORGES, 555
 SAFFRAN, MURRAY, 267
 SAFILIOS-ROTHSCHILD, C, 595
 SALHANICK, HILTON A, 317, 396
 SANLI, MARQUETA H, 268
 SARHAN, AHMED B, 532
 SATIE, PETER, 60
 SAVARD, KENNETH, 269
 SAWYER, CHARLES H, 239
 SCANZONI, JOHN, 631
 SCHALCH, DON S, 462
 SCHALLY, ANDREW V, 240
 SCHEFLEN, ALBERT E, 545, 546
 SCHLAFF, SHELDON, 270
 SCHMELZ, U O, 533
 SCHNAIBERG, ALLAN, 648
 SCHOMBERG, DAVID WILLIAM, 61
 SCHUEL, HERBERT, 159
 SCHUETZ, ALLEN W, 31
 SCHULTZ, T PAUL JR, 596, 597, 598
 SCHUMACHER, GEBHARD F B, 160
 SCHWARTZ, NEENA BETTY, 32, 360
 SCOTT, ELIZABETH L, 649
 SCOTT, HARVEY, 410
 SCOTT, JOHN W, 502
 SEAL, ULYSSES S, 71
 SEGAL, SHELDON J, 397
 SEGALOFF, ALBERT, 463
 SELTZER, H S, 464
 SHADER, RICHARD I, 465
 SHAPEH, RUTH, 674
 SHEPS, MINDEL C, 534
 SHERIDAN, MICHAEL N, 241
 SHIPLEY, ELVA G, 271
 SHIVERS, CHARLES A, 161
 SHOLITON, L J, 318, 319
 SHUBECK, FRANK, 675
 SIH, CHARLES, 398
 SILVERO, ARNALDO, 703
 SIMMONS, GEORGE B, 547, 676
 SIMON, JULIAN LINCOLN, 644
 SIRKEN, MONROE G, 535, 536

SIZER, L M, 620
 SKINNER, W A, 399
 SKRABANEK, R L, 537
 SKREB, NIKOLA, 205
 SLAUNWHITE, W ROY JR, 320
 SMITH, J C, 466
 SMITH, KARL, 556
 SMITH, L DENNIS, 206
 SMITH, MICHAEL H, 517
 SNIPES, CHARLES A, 321
 SNYDER, ELEANOR M, 677
 SODERWALL, A L, 207
 SOUPART, PIERRE, 162, 163
 SOUTHERN, LOUIS A, 322
 SPAZIANI, EUGENE, 323
 SPECTOR, AARON J, 467, 573
 SPEROFF, LEON, 400
 SPIES, HAROLD GLEN, 33, 361
 SRIVASTAVA, P N, 164
 STAMBAUGH, RICHARD L, 165
 STANLEY, ALLAN J, 431
 STAUB, R T, 468
 STEINBERGER, ANNA, 127, 128
 STEINBERGER, EMIL, 129, 130
 STERN, ELIZABETH, 469
 STOECKEL, JOHN, 548
 STOLLEY, PAUL D, 470
 STREIFF, R, 471
 STUMPF, WALTER E, 324
 SUBIRIA, RECARDO, 678
 SUBTELNY, STEPHEN, 4
 SWARTZ, DONALD P, 574
 SWEAT, MAX L, 62
 SWEET, JAMES A, 632
 SZEGO, CLARA M, 362

T

TAEUBER, IRENE B, 549
 TAFT, DAVID O, 325
 TAKESHITA, JOHN Y, 679
 TALBERT, GEORGE B, 432
 TARUER, JAMES D, 550
 TAYLOR, ANNA N, 242
 TAYLOR, CARL, 680, 717
 TAYMOR, MELVIN L, 34
 TERHUNE, KENNETH W, 599
 TERMAN, C RICHARD, 518
 TERNER, CHARLES, 131
 TIEFER, LEONORE, 503
 TOUCHSTONE, JOSEPH C, 326
 TRELOAR, ALAN E, 72, 478
 TULLNER, W W, 433
 TUNG, KENNETH S K, 166
 TURKINGTON, ROGER, 272

TYLER, CARL W JR, 681

U

UDRY, RICHARD J, 682
UGARTE, MARIO LEON, 650

V

VALERIO, DAVID A, 327
VAN DEMARK, NOLAND L, 132
VAN ORDEN, L S, 63
VANDE WIELE, RAYMOND L, 363
VANDENBERGH, JOHN G, 504, 505
VAUGHN, JACK C, 434
VEKEMANS, ROGER, 633
VILLEE, CLAUDE A JR, 328
VINCENT, CLARK E, 683, 684
VUKMANOVIC, CEDOMIR, 604

W

WALKER, DEWORD, 685
WALL, MONROE E, 401
WARD, DARRELL W, 273
WARD, INGEBORG L, 506
WARE, RAY W, 64
WARREN, JAMES C, 329
WEITLAUF, HARRY M, 208
WELLS, BRADLEY, 634
WESTOFF, CHARLES F, 538, 600
WHALEN, RICHARD E, 507, 508
WHEELER, ROBERT G, 477
WHITTEN, WESLEY K, 243
WIEST, WALTER G, 330
WILHELMI, ALFRED E, 274, 364
WILKENING, E A, 621
WILLIAMS-ASHMAN, HOWARD GUY, 133
WILLIAMS, JAMES M, 601
WILLIAMS, KENNETH I, 331, 472
WILLIAMS, WILLIAM L, 167
WILSON, JEAN D, 332
WILTSE, KERMIT T, 562
WISHIK, SAMUEL R, 686
WOOD, CHRISTOPHER, 687
WOTIZ, HERBERT H, 402
WURTMAN, RICHARD, 244
WYNN, VICTOR, 473

Y

YANAGIMACHI, RYUZO, 168
YAUKEY, DAVID, 635
YOCHIM, JEROME M, 209, 210
YUWILER, ARTHUR, 245

Z

ZAMBONI, LUCIANO, 134, 169, 170
ZELNIK, MELVIN, 557
ZEPPA, R, 333
ZIMMER, B G, 602, 651
ZINKHAM, WILLIAM H, 135
ZUCKER, IRVING, 246, 509

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service **National Institutes of Health**

DHEW Publication No. (NIH) 72-133